

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087455.D
 Acq On : 05 Aug 2025 14:40
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 06 01:29:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 01:24:35 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

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

Internal Standards						
1) Bromochloromethane	7.794	128	70635	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	389326	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	359656	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	191012	29.319	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.733%		
60) 4-Bromofluorobenzene	12.829	95	186862	30.190	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.633%		
63) Toluene-d8	10.547	98	498338	30.114	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.367%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	473762	102.730	ug/l	97
3) Chloromethane	2.383	50	466952	98.689	ug/l	99
4) Vinyl Chloride	2.536	62	508879	101.402	ug/l	97
5) Bromomethane	2.959	94	287163	105.716	ug/l	87
6) Chloroethane	3.130	64	325044	100.444	ug/l	99
7) Trichlorofluoromethane	3.506	101	716379	99.189	ug/l	99
8) Diethyl Ether	3.959	74	295673	98.265	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	359828	97.700	ug/l	88
10) 1,1-Dichloroethene	4.330	96	380598	98.381	ug/l	98
11) Methyl Iodide	4.577	142	380217	125.440	ug/l	91
12) Methyl Acetate	5.012	43	736494	103.164	ug/l	97
13) Acrolein	4.171	56	549240	503.847	ug/l	99
14) Acrylonitrile	5.706	53	1571651	504.158	ug/l	100
15) Acetone	4.424	58	418923	470.323	ug/l	93
16) Carbon Disulfide	4.700	76	1199576	99.962	ug/l	100
17) Allyl chloride	5.012	41	801152	101.602	ug/l	95
18) Methylene Chloride	5.265	84	494371	99.285	ug/l	94
19) trans-1,2-Dichloroethene	5.771	96	453658	98.611	ug/l	93
20) Diisopropyl ether	6.659	45	1832338	102.051	ug/l	98
21) 1,1-Dichloroethane	6.553	63	929854	100.142	ug/l	99
22) cis-1,2-Dichloroethene	7.477	96	565755	99.948	ug/l	99
23) tert-Butyl Alcohol	5.530	59	656761	495.796	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	1772627	100.557	ug/l	99
25) Chloroform	7.947	83	966531	99.723	ug/l	100
26) Cyclohexane	8.241	56	754564	101.498	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	642951	101.253	ug/l	98
30) 2-Butanone	7.471	43	2366356	505.563	ug/l	100
31) 2,2-Dichloropropane	7.477	77	825382	100.781	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	825110	101.882	ug/l	96
33) Carbon Tetrachloride	8.341	117	683314	101.563	ug/l	97
34) Benzene	8.588	78	2050407	102.292	ug/l	97
35) Methacrylonitrile	7.765	41	495672	98.134	ug/l	97
36) 1,2-Dichloroethane	8.653	62	812745	100.306	ug/l	100
37) Trichloroethene	9.335	130	446892	101.212	ug/l	94
38) Methylcyclohexane	9.582	83	747573	101.482	ug/l	98
39) 1,2-Dichloropropane	9.600	63	518393	100.868	ug/l	95
40) Dibromomethane	9.688	93	386489	100.231	ug/l	96
41) Bromodichloromethane	9.871	83	808690	100.928	ug/l	98
42) Vinyl Acetate	6.588	43	7820160	507.335	ug/l	99

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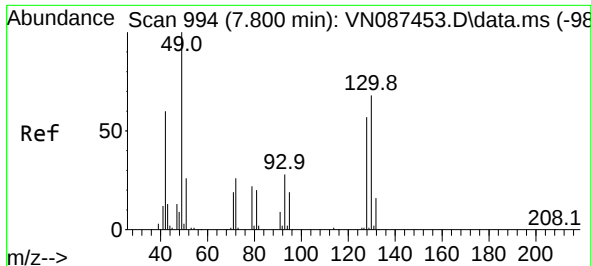
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	907628	101.868	ug/l	97
44) Isopropyl Acetate	8.677	43	1558470	101.675	ug/l	99
45) 1,4-Dioxane	9.682	88	194002	1985.385	ug/l	96
46) Methyl methacrylate	9.665	41	732745	101.273	ug/l	92
47) n-amyl Acetate	12.488	43	992295	128.748	ug/l #	60
48) t-1,3-Dichloropropene	10.818	75	908224	104.188	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	903230	102.958	ug/l	97
50) 1,1,2-Trichloroethane	11.000	97	500440	102.720	ug/l	96
51) Ethyl methacrylate	10.853	69	926992	108.040	ug/l	97
52) 1,3-Dichloropropane	11.141	76	892266	101.657	ug/l	98
53) Dibromochloromethane	11.341	129	590310	104.918	ug/l	100
54) 1,2-Dibromoethane	11.447	107	537806	103.987	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	2236990	495.251	ug/l	99
56) Bromoform	12.559	173	402717	108.214	ug/l #	98
58) 4-Methyl-2-Pentanone	10.429	43	4678202	505.641	ug/l	99
59) 2-Hexanone	11.176	43	3365074	535.301	ug/l	100
61) Tetrachloroethene	11.082	164	347945	99.301	ug/l	97
62) Toluene	10.612	91	2222660	100.129	ug/l	100
64) Chlorobenzene	11.870	112	1377291	100.975	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	486095	101.362	ug/l	98
66) Ethyl Benzene	11.941	91	2510073	101.451	ug/l	97
67) m/p-Xylenes	12.047	106	1841924	202.817	ug/l	99
68) o-Xylene	12.376	106	906317	101.440	ug/l	100
69) Styrene	12.388	104	1585501	103.928	ug/l	99
70) Isopropylbenzene	12.676	105	2334192	102.833	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	784278	100.840	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	753853m	94.296	ug/l	
73) Bromobenzene	12.959	156	540169	102.653	ug/l	98
74) n-propylbenzene	13.012	91	2895579	102.142	ug/l	100
75) 2-Chlorotoluene	13.106	91	1757134	100.765	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	1972967	101.515	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	312541	113.952	ug/l	92
78) 4-Chlorotoluene	13.200	91	1813669	102.633	ug/l	98
79) tert-butylbenzene	13.417	119	1672735	102.082	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	1998320	102.898	ug/l	100
81) sec-Butylbenzene	13.594	105	2416128	101.283	ug/l	100
82) p-Isopropyltoluene	13.706	119	2001765	101.064	ug/l	100
83) 1,3-Dichlorobenzene	13.711	146	1015919	101.387	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	1028636	101.255	ug/l	99
85) n-Butylbenzene	14.035	91	1987536	102.562	ug/l	98
86) Hexachloroethane	14.311	117	399888	103.386	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	976220	102.064	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	199216	101.112	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	582952	101.981	ug/l	100
90) Hexachlorobutadiene	15.476	225	212184	95.460	ug/l	95
91) Naphthalene	15.611	128	2259551	103.669	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	582952	101.981	ug/l	100

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



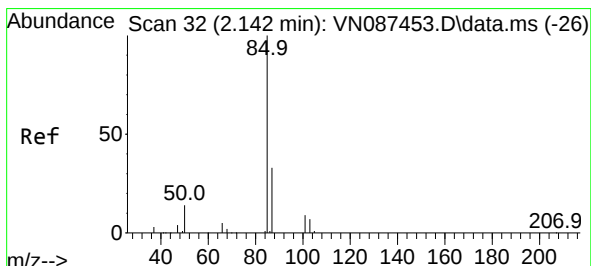
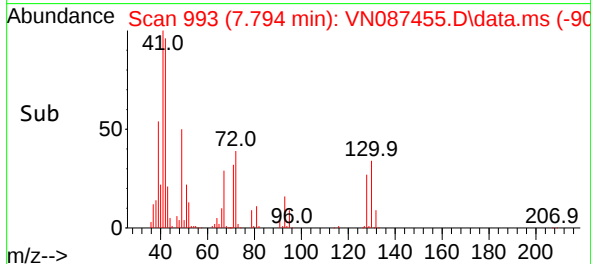
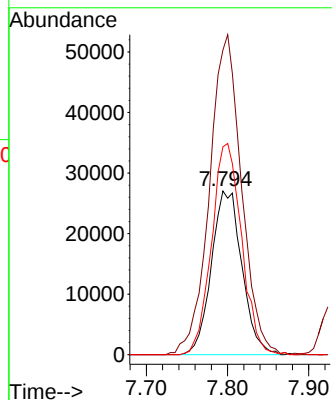
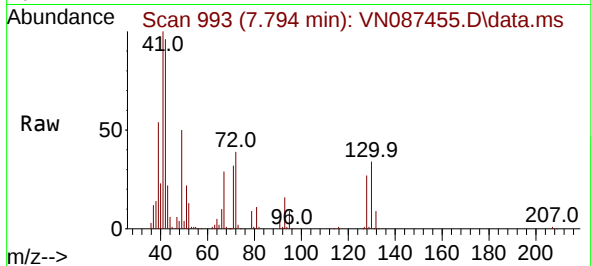
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 70635
Ion Ratio Lower Upper
128 100
49 205.4 0.0 494.8
130 126.8 0.0 321.5

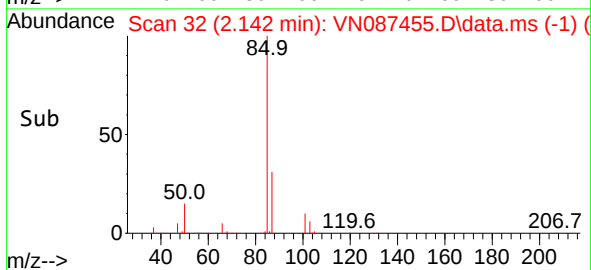
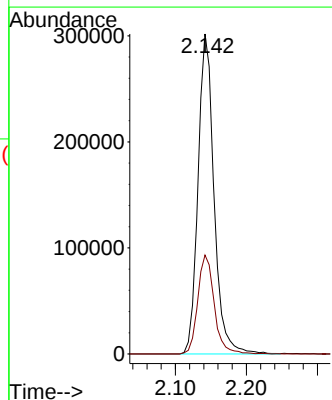
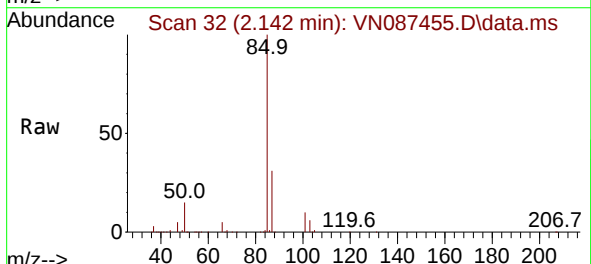
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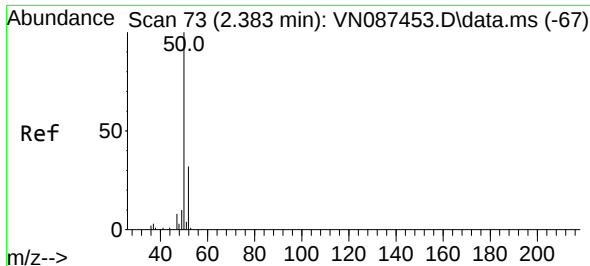
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#2
Dichlorodifluoromethane
Concen: 102.730 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

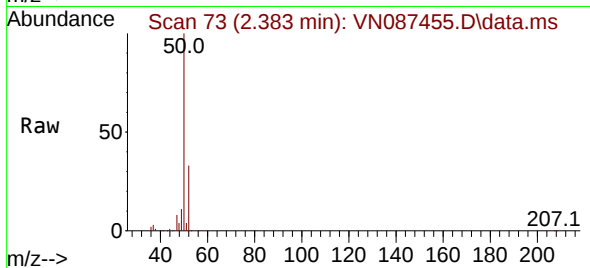
Tgt Ion: 85 Resp: 473762
Ion Ratio Lower Upper
85 100
87 30.9 16.4 49.2





#3
Chloromethane
Concen: 98.689 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

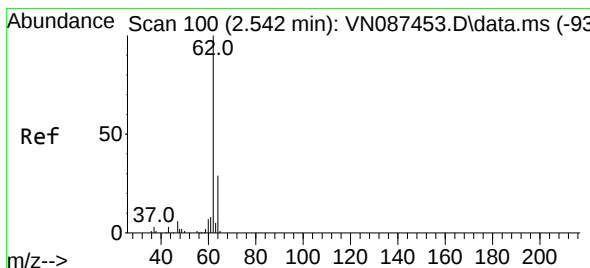
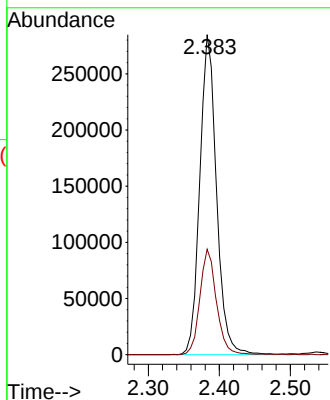
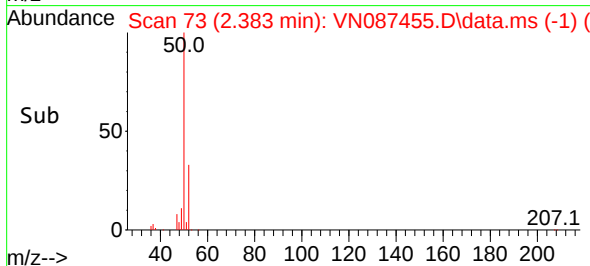
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



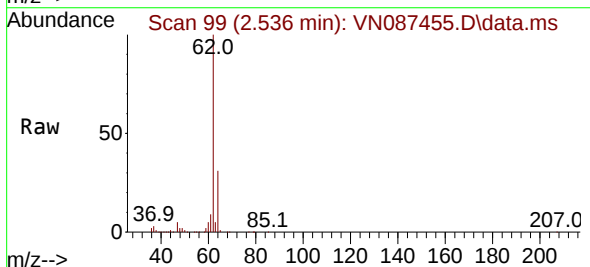
Tgt Ion: 50 Resp: 466952
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.6

Manual Integrations
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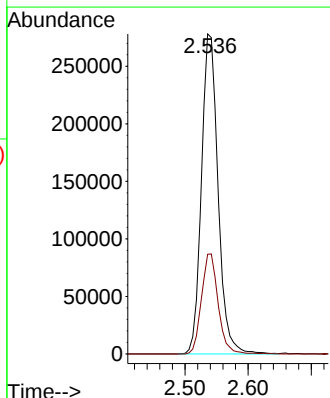
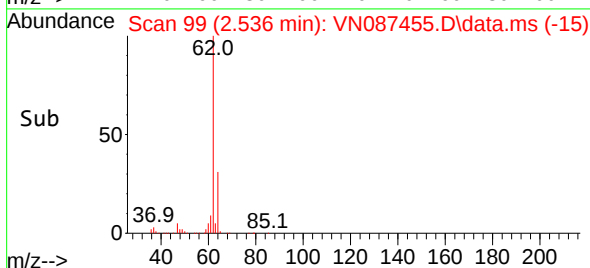
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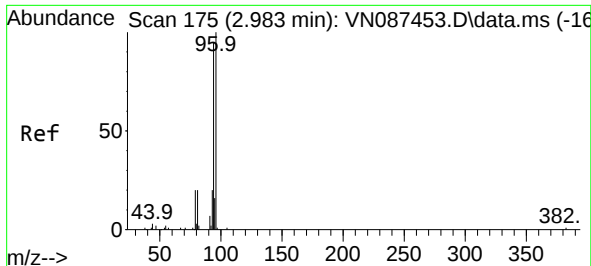


#4
Vinyl Chloride
Concen: 101.402 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



Tgt Ion: 62 Resp: 508879
Ion Ratio Lower Upper
62 100
64 31.2 23.4 35.2





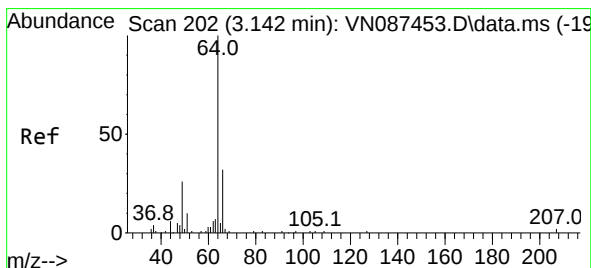
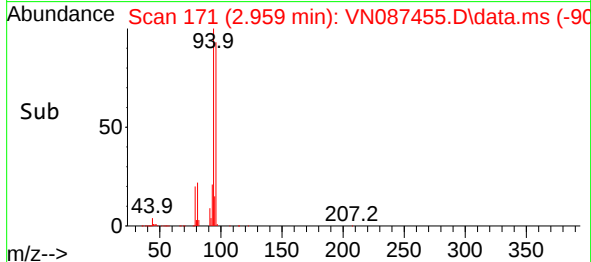
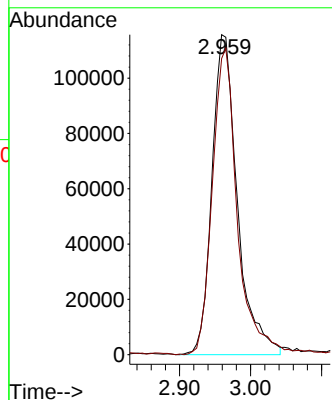
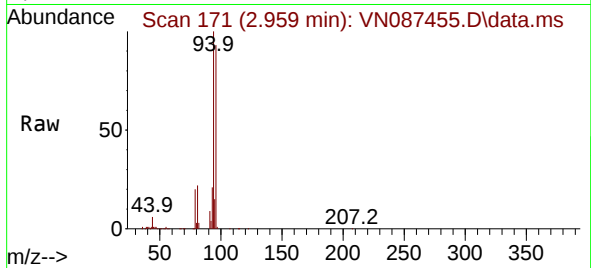
#5
Bromomethane
Concen: 105.716 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 28716
Ion Ratio Lower Upper
94 100
96 92.3 84.2 126.4

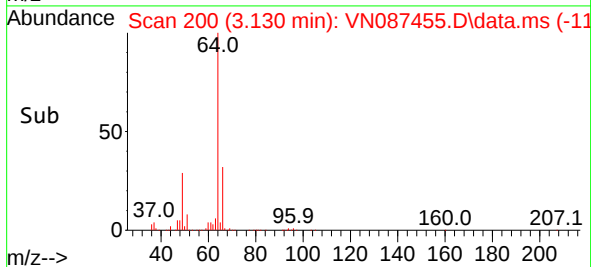
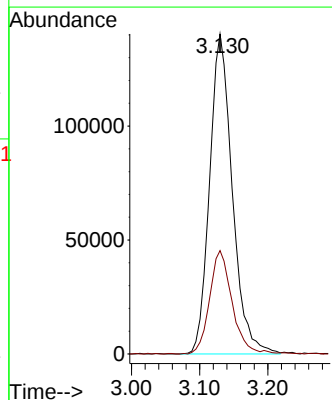
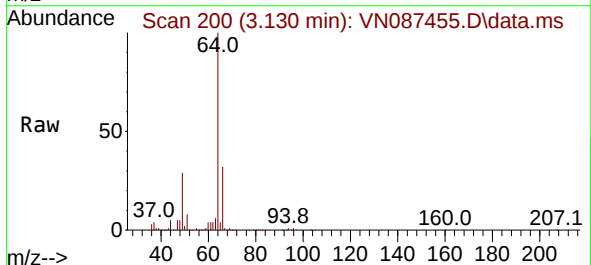
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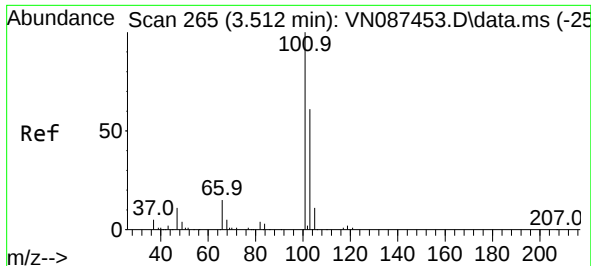
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#6
Chloroethane
Concen: 100.444 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

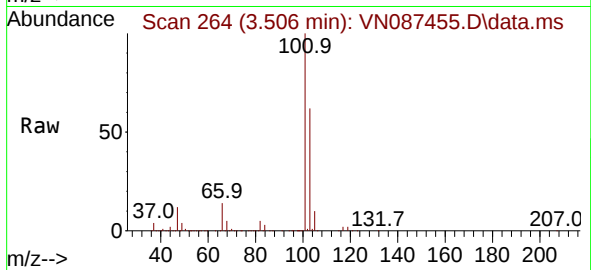
Tgt Ion: 64 Resp: 325044
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 99.189 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087455.D
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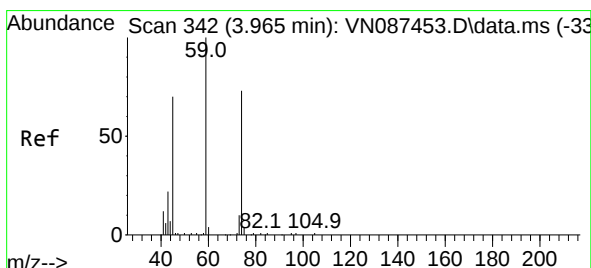
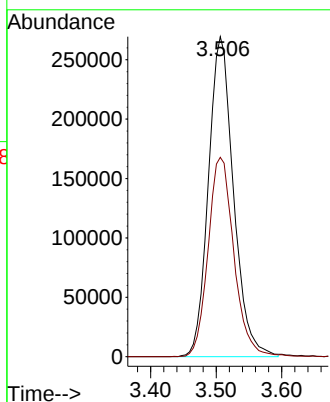
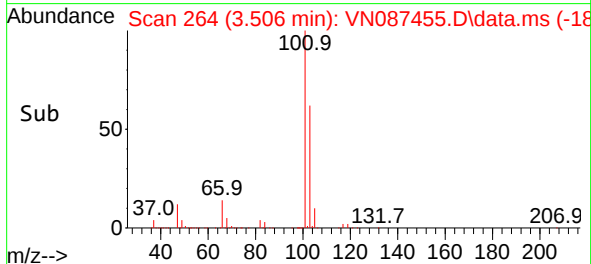
Instrument :
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Tgt Ion:101 Resp: 716379
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.2 73.8

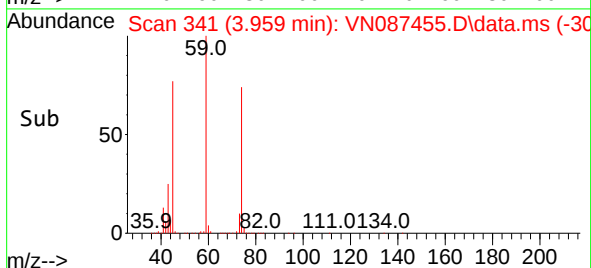
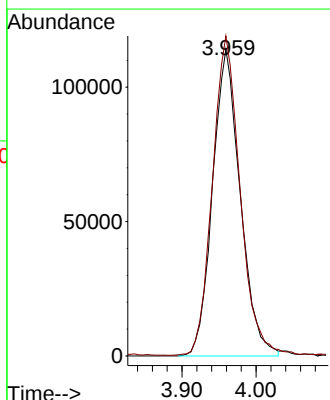
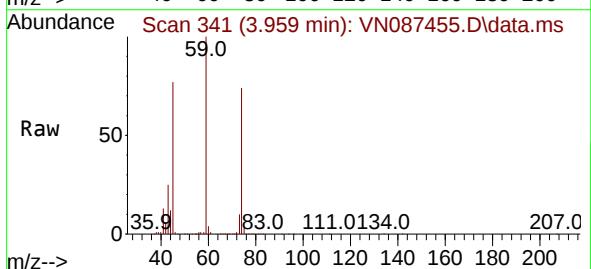
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#8
 Diethyl Ether
 Concen: 98.265 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

Tgt Ion: 74 Resp: 295673
 Ion Ratio Lower Upper
 74 100
 45 103.8 20.1 180.9





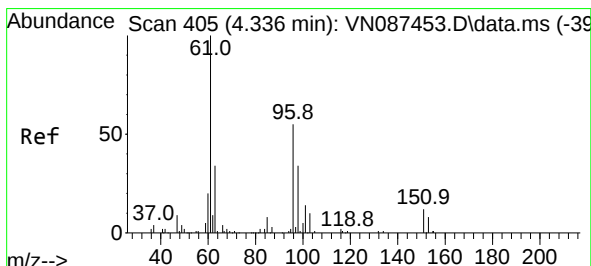
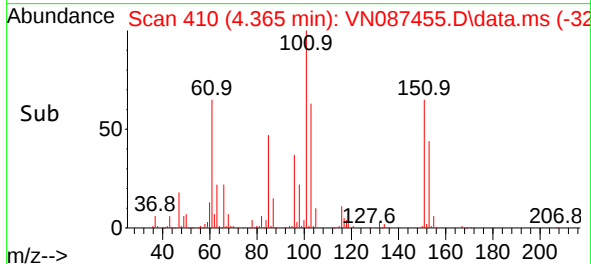
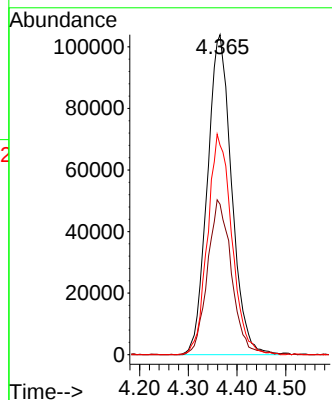
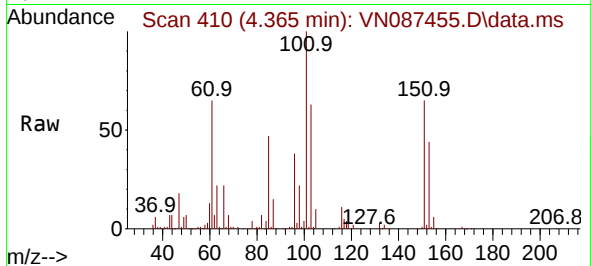
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 1,1,2-Trichlorotrifluoroethane
 Concen: 97.700 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 101 Resp: 359828
 Ion Ratio Lower Upper
 101 100
 85 47.7 0.0 57.0
 151 69.0 0.0 134.2

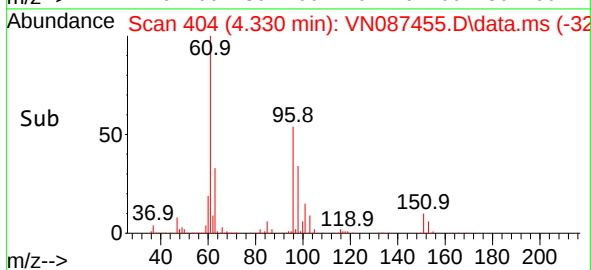
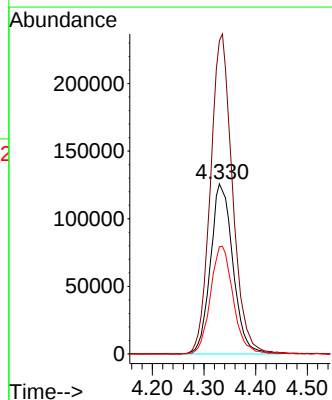
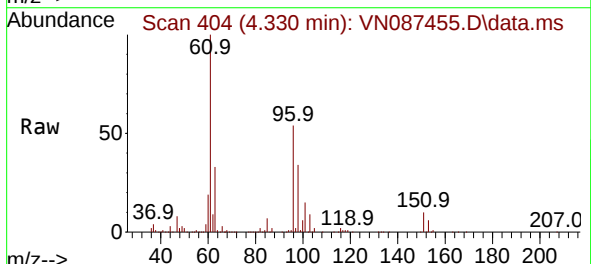
Manual Integrations
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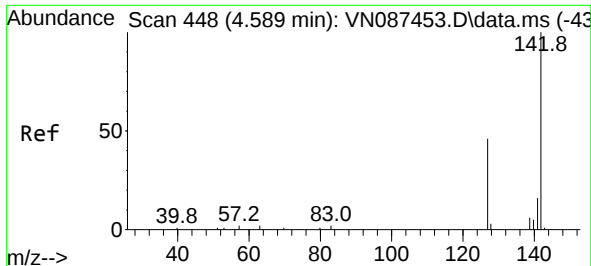
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#10
 1,1-Dichloroethene
 Concen: 98.381 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

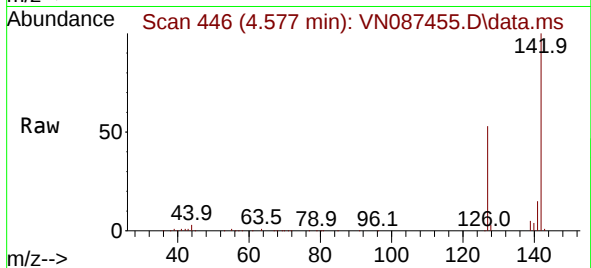
Tgt Ion: 96 Resp: 380598
 Ion Ratio Lower Upper
 96 100
 61 184.2 144.2 216.4
 98 63.0 49.7 74.5





#11
Methyl Iodide
Concen: 125.440 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

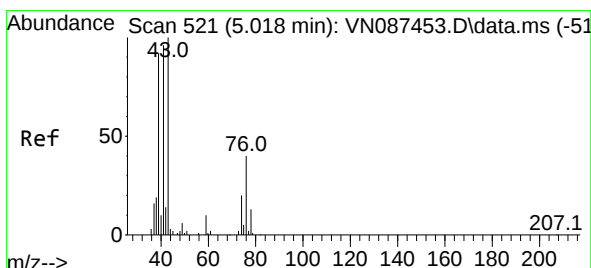
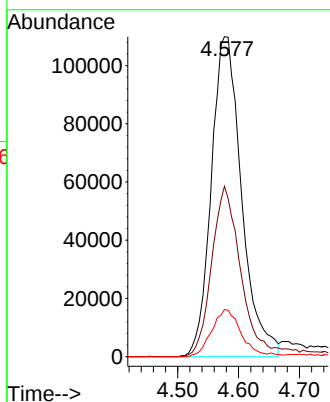
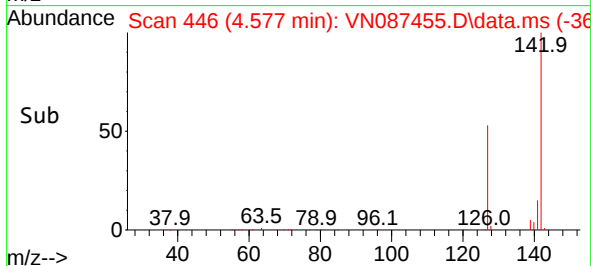
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 38021
Ion Ratio Lower Upper
142 100
127 53.0 22.9 68.7
141 14.7 7.7 23.1

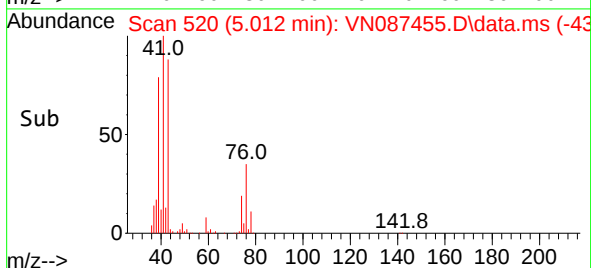
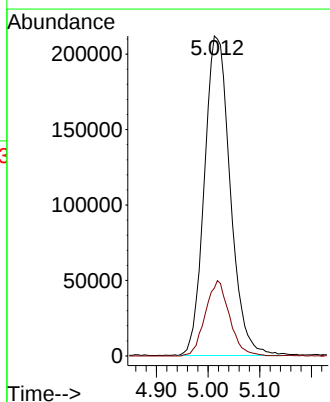
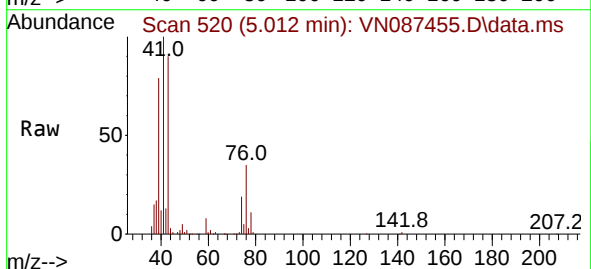
Manual Integrations
APPROVED

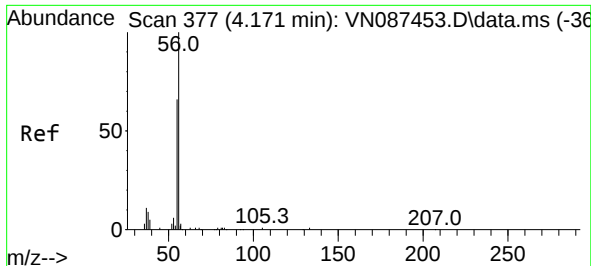
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#12
Methyl Acetate
Concen: 103.164 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

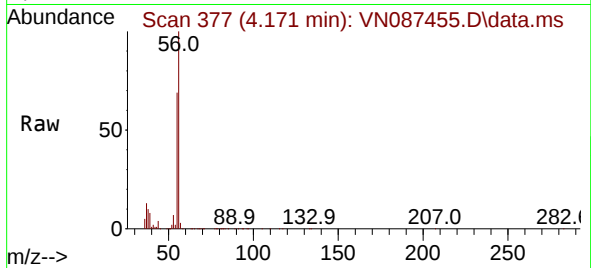
Tgt Ion: 43 Resp: 736494
Ion Ratio Lower Upper
43 100
74 21.2 16.0 24.0





#13
Acrolein
Concen: 503.847 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

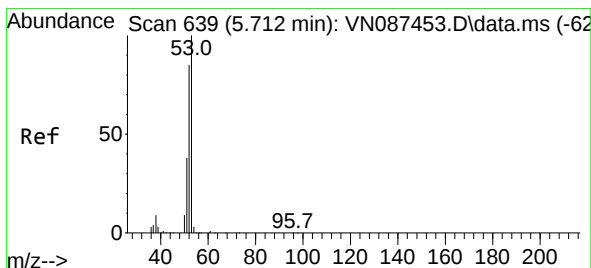
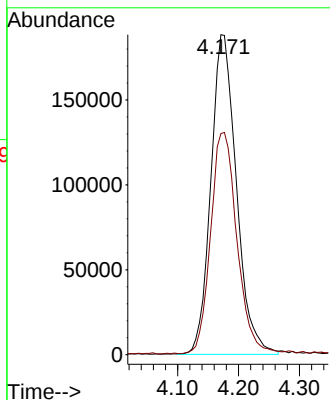
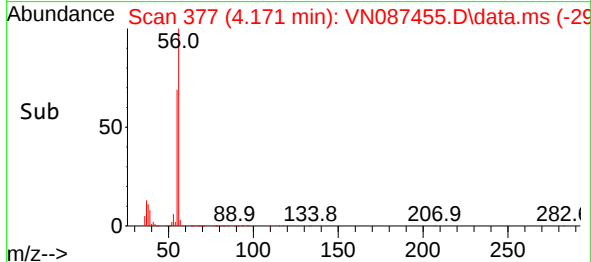
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



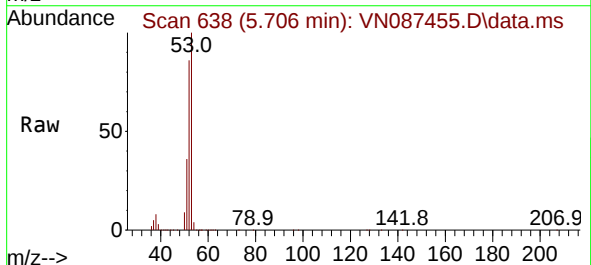
Tgt Ion: 56 Resp: 549240
Ion Ratio Lower Upper
56 100
55 71.1 57.4 86.0

Manual Integrations
APPROVED

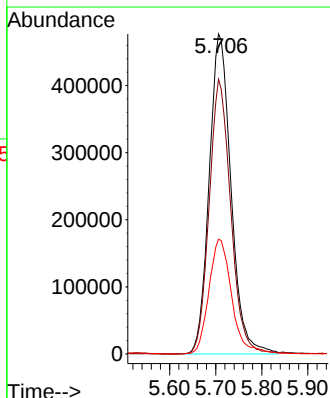
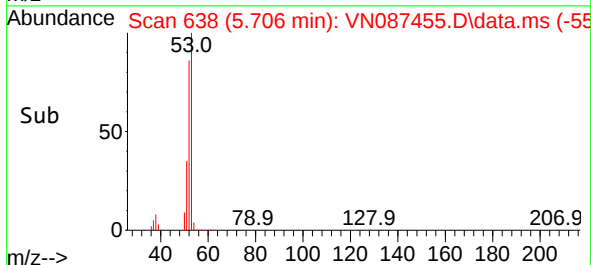
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

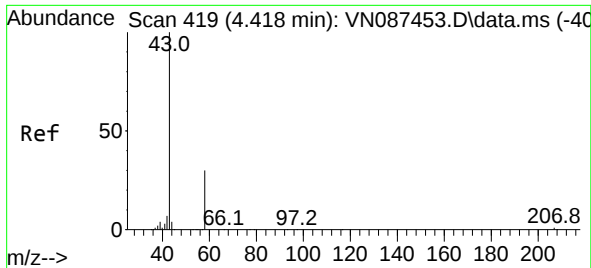


#14
Acrylonitrile
Concen: 504.158 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



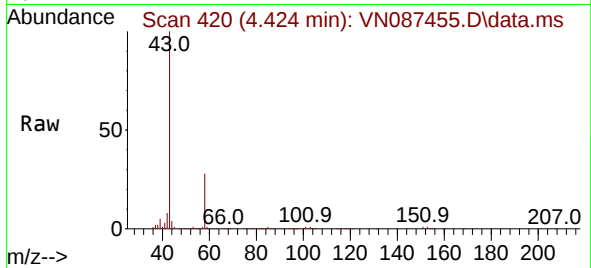
Tgt Ion: 53 Resp: 1571651
Ion Ratio Lower Upper
53 100
52 84.6 42.4 127.2
51 37.5 18.5 55.5





#15
Acetone
Concen: 470.323 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

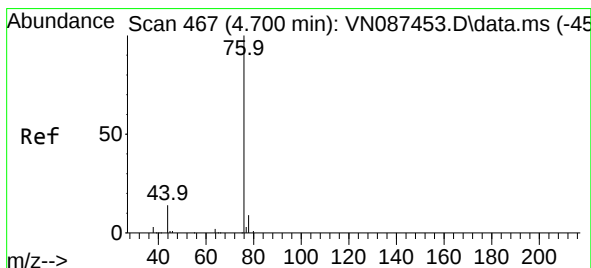
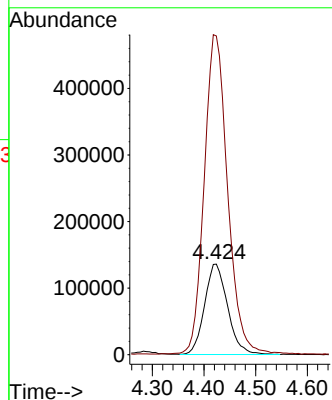
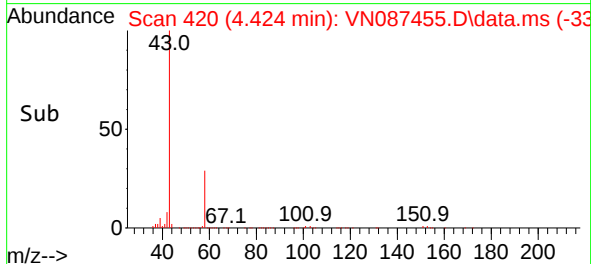
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 58 Resp: 418923
Ion Ratio Lower Upper
58 100
43 351.4 268.9 403.3

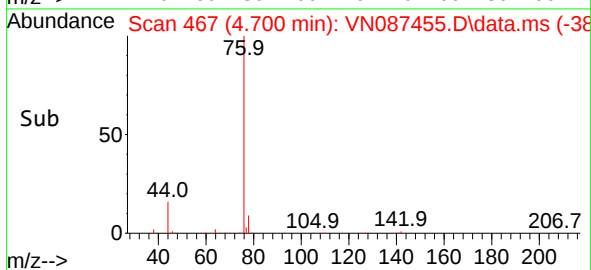
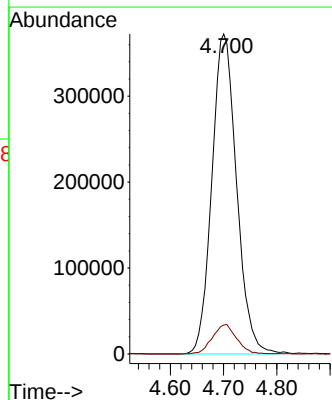
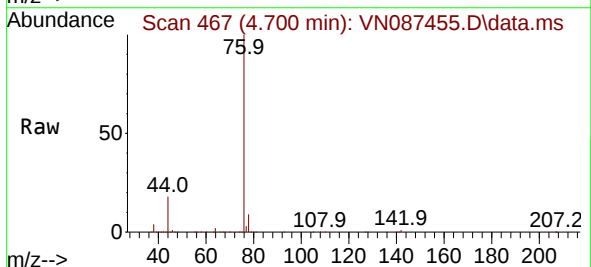
Manual Integrations
APPROVED

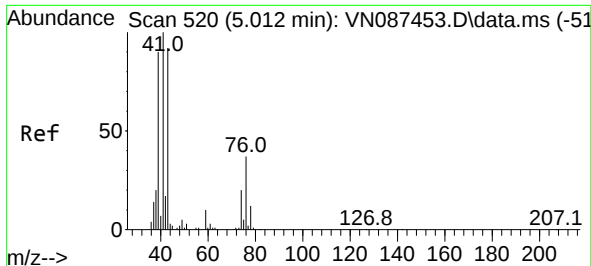
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#16
Carbon Disulfide
Concen: 99.962 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

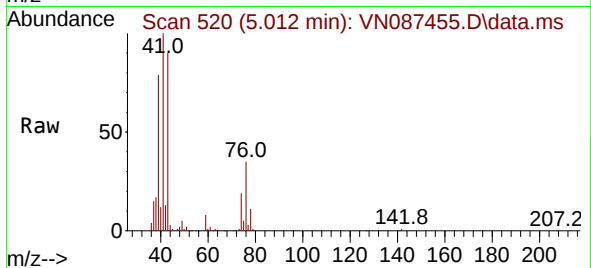
Tgt Ion: 76 Resp: 1199576
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 101.602 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

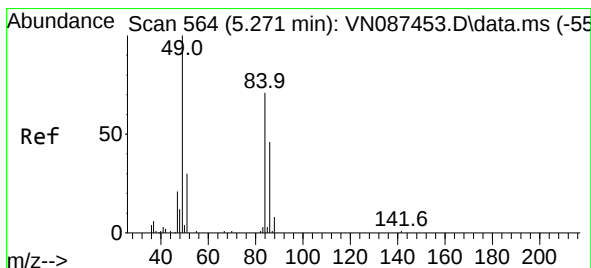
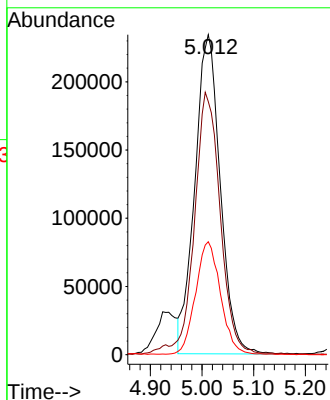
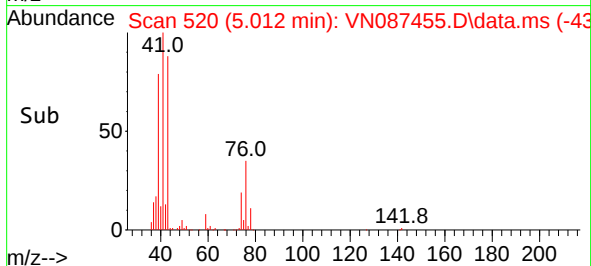
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 801152
 Ion Ratio Lower Upper
 41 100
 39 79.0 42.4 127.2
 76 35.3 16.9 50.6

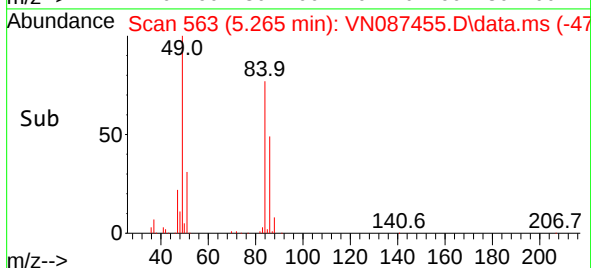
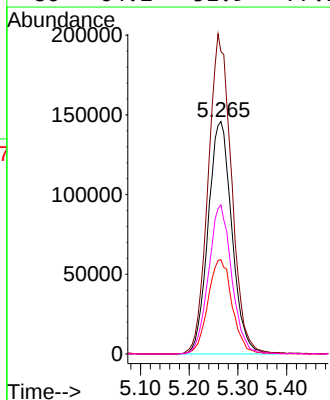
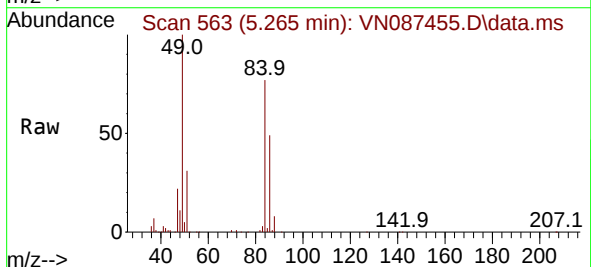
Manual Integrations
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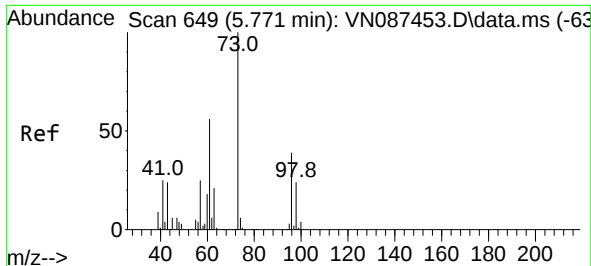
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#18
 Methylene Chloride
 Concen: 99.285 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

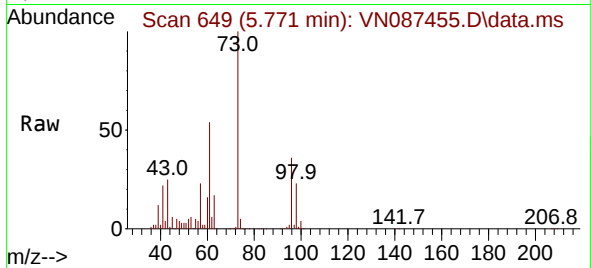
Tgt Ion: 84 Resp: 494371
 Ion Ratio Lower Upper
 84 100
 49 130.1 112.9 169.3
 51 40.4 33.8 50.8
 86 64.2 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 98.611 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

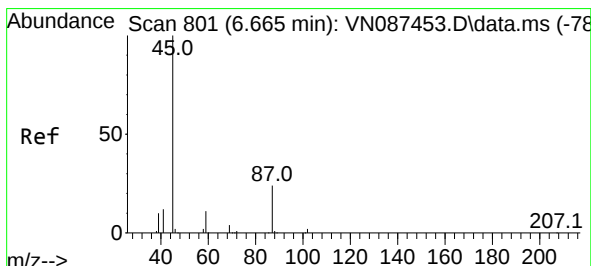
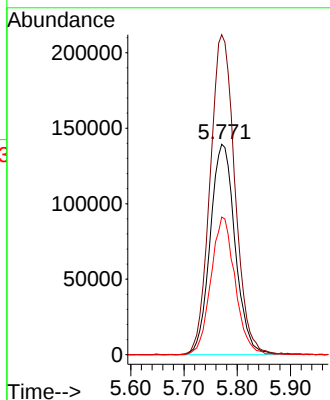
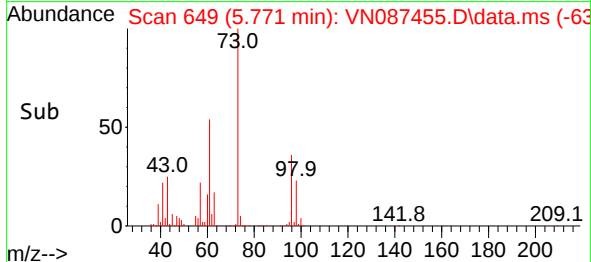
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



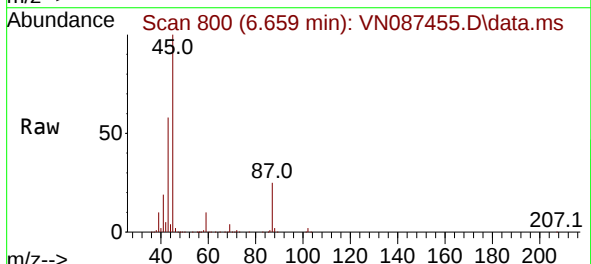
Tgt Ion: 96 Resp: 453658
Ion Ratio Lower Upper
96 100
61 152.1 114.2 171.4
98 65.4 48.7 73.1

Manual Integrations
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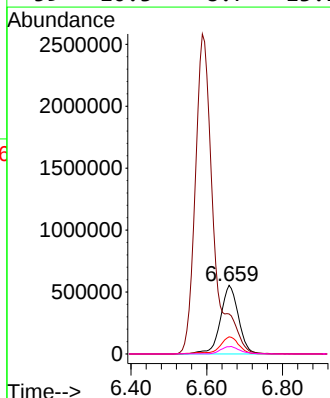
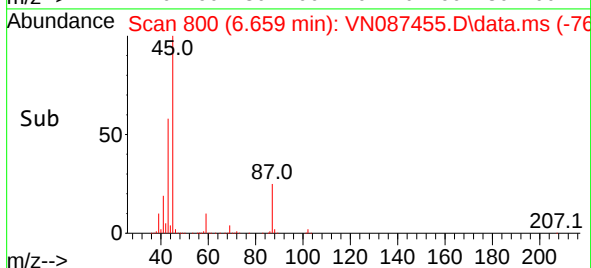
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#20
Diisopropyl ether
Concen: 102.051 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



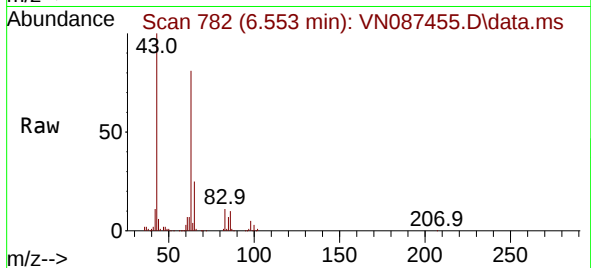
Tgt Ion: 45 Resp: 1832338
Ion Ratio Lower Upper
45 100
43 57.9 44.7 67.1
87 24.8 20.2 30.2
59 10.3 8.7 13.1





#21
1,1-Dichloroethane
Concen: 100.142 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

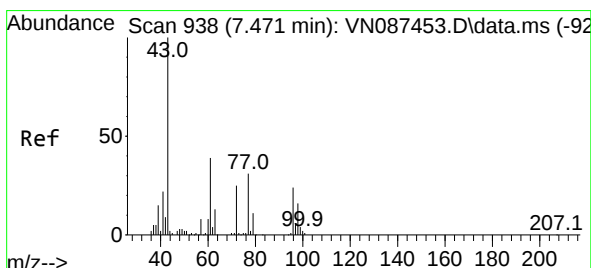
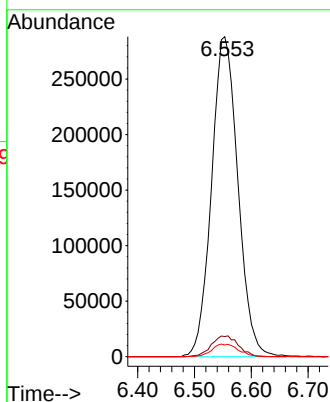
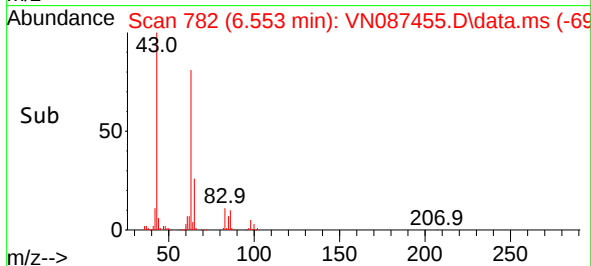
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



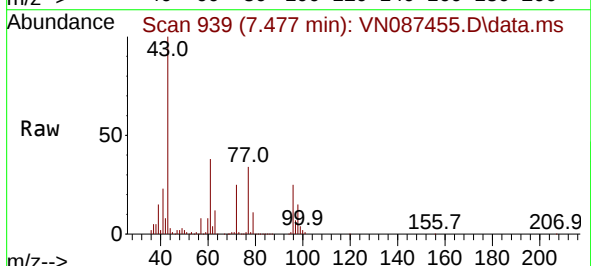
Tgt Ion: 63 Resp: 929854
Ion Ratio Lower Upper
63 100
98 6.3 3.0 9.0
100 3.7 1.9 5.7

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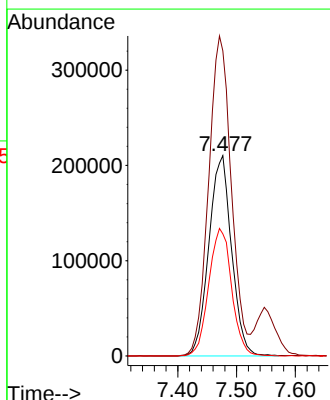
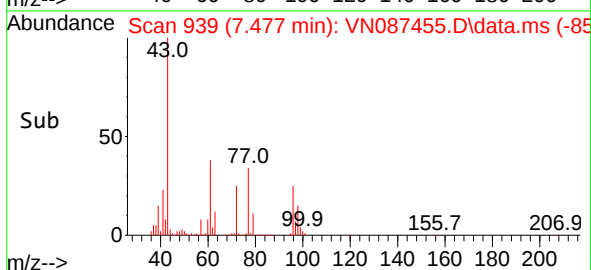
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

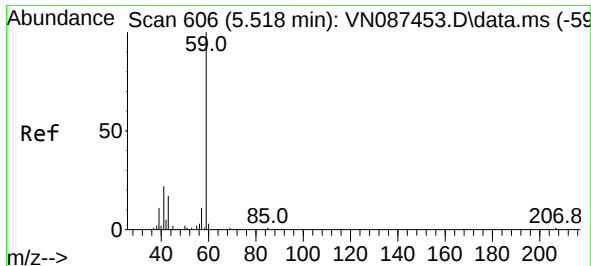


#22
cis-1,2-Dichloroethene
Concen: 99.948 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



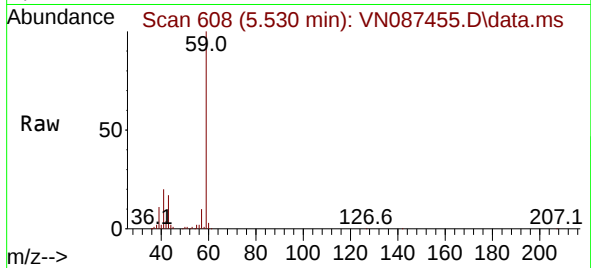
Tgt Ion: 96 Resp: 565755
Ion Ratio Lower Upper
96 100
61 159.8 126.6 190.0
98 64.1 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 495.796 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

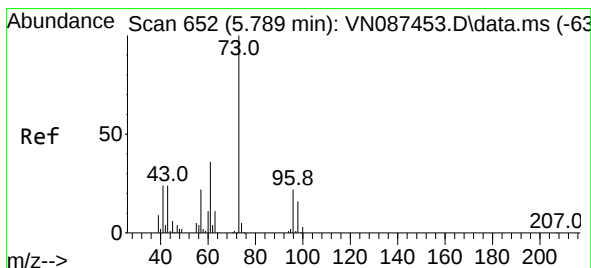
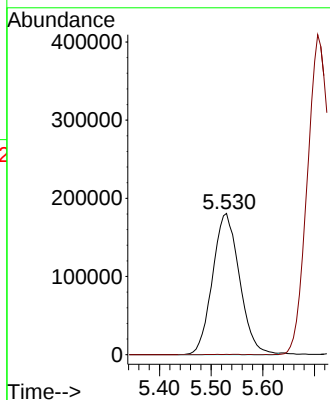
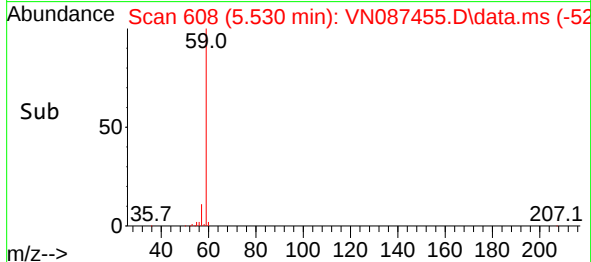
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 656763
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

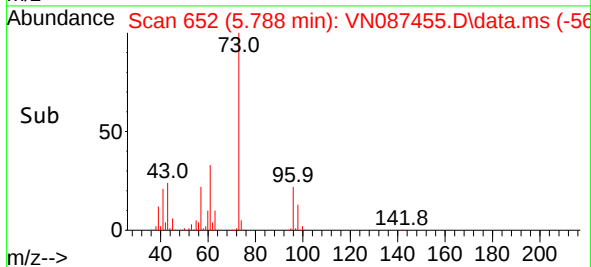
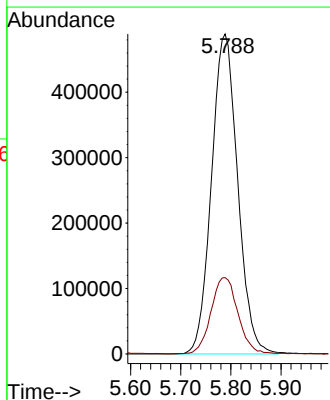
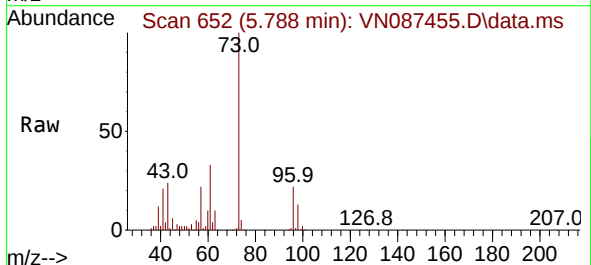
Manual Integrations
APPROVED

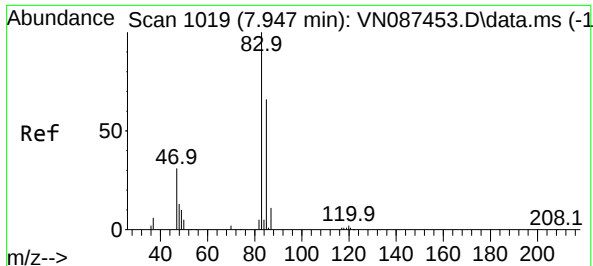
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#24
Methyl tert-Butyl Ether
Concen: 100.557 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Tgt Ion: 73 Resp: 1772627
Ion Ratio Lower Upper
73 100
43 24.4 19.9 29.9





#25

Chloroform

Concen: 99.723 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087455.D

Acq: 05 Aug 2025 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 96653

Ion Ratio Lower Upper

83 100

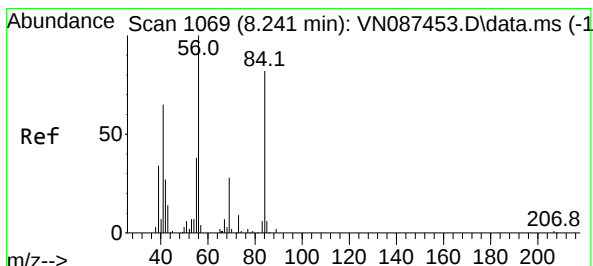
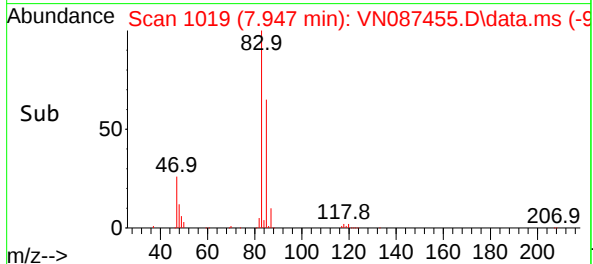
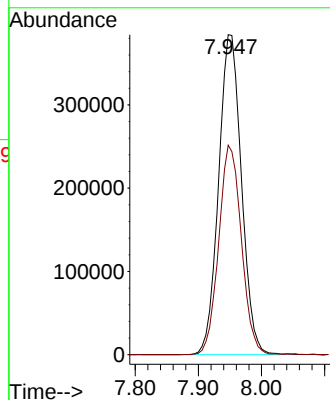
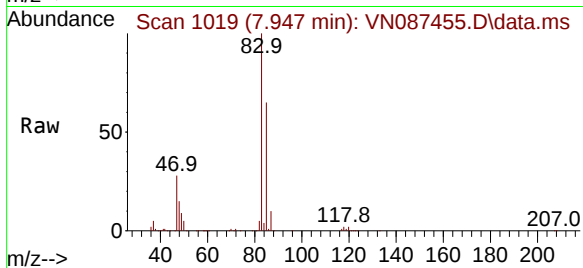
85 65.5 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#26

Cyclohexane

Concen: 101.498 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087455.D

Acq: 05 Aug 2025 14:40

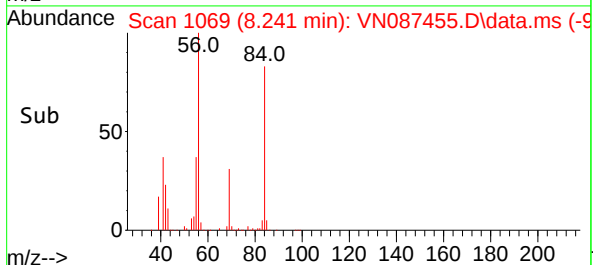
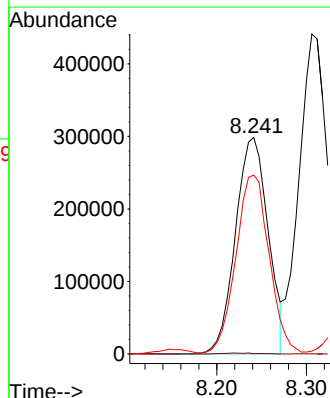
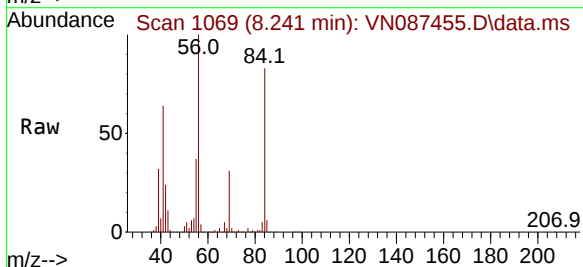
Tgt Ion: 56 Resp: 754564

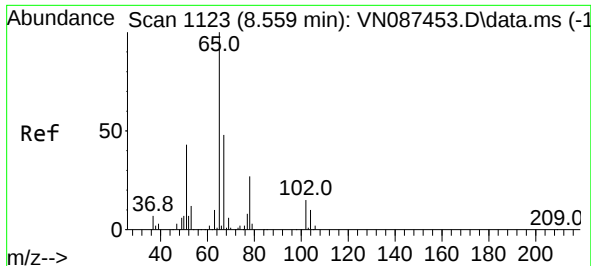
Ion Ratio Lower Upper

56 100

89 0.2 2.3 3.5#

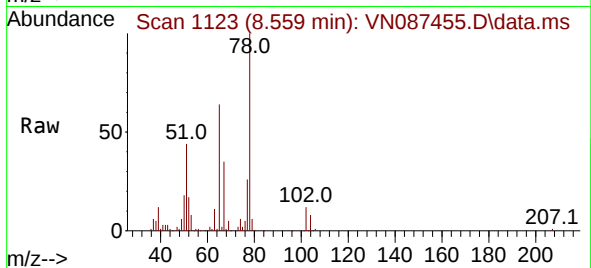
84 84.5 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 29.319 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

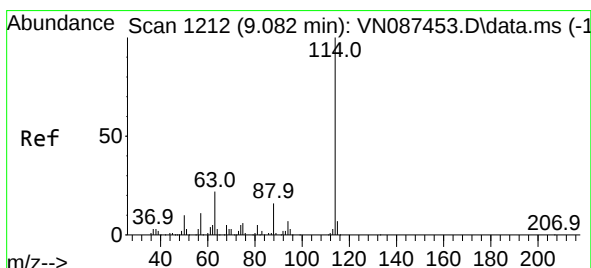
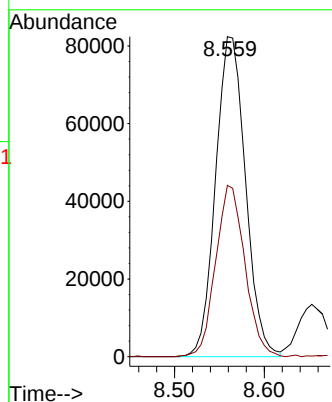
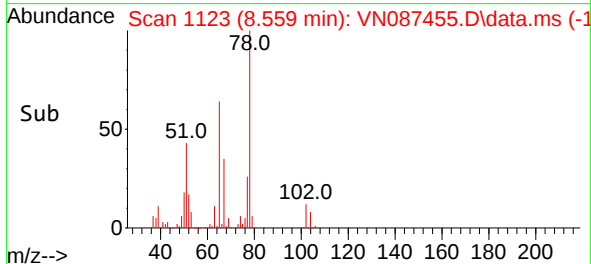
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 65 Resp: 19101
Ion Ratio Lower Upper
65 100
67 52.3 40.8 61.2

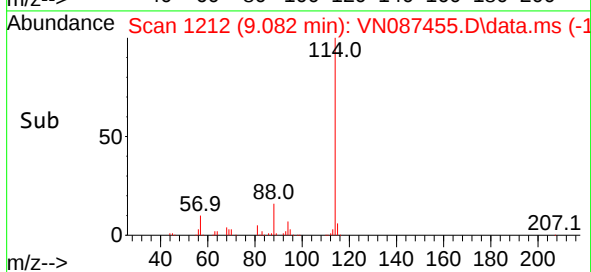
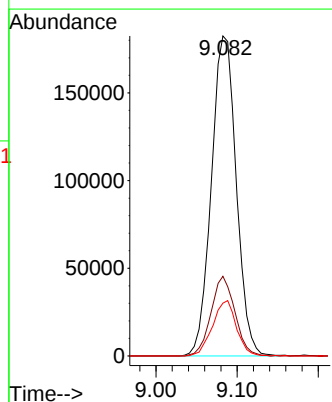
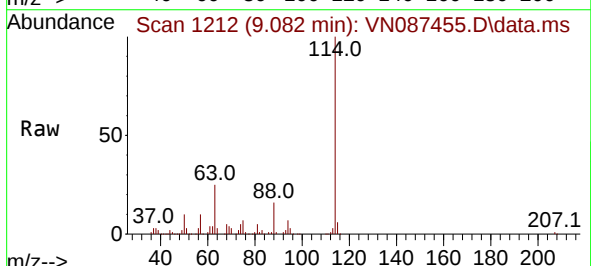
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

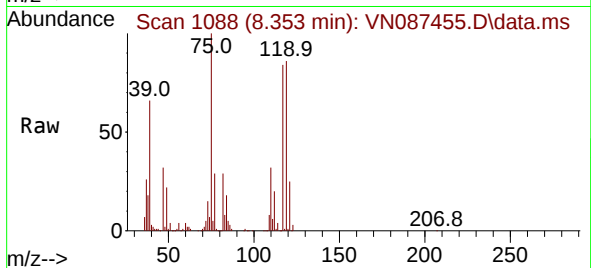
Tgt Ion:114 Resp: 389326
Ion Ratio Lower Upper
114 100
63 23.8 18.9 28.3
88 16.6 13.1 19.7





#29
1,1-Dichloropropene
Concen: 101.253 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

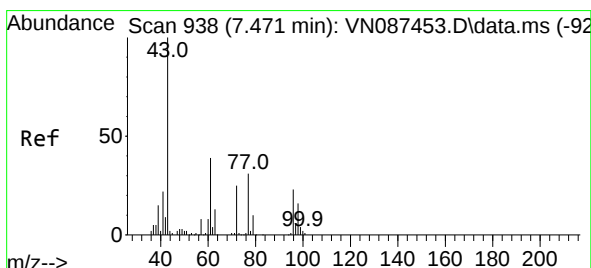
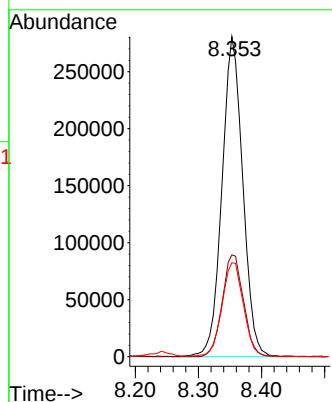
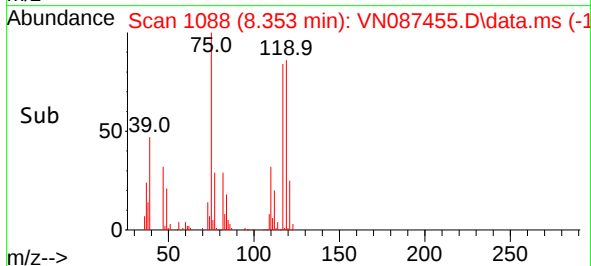
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 64295
Ion Ratio Lower Upper
75 100
110 32.4 0.0 65.8
77 30.5 0.0 63.6

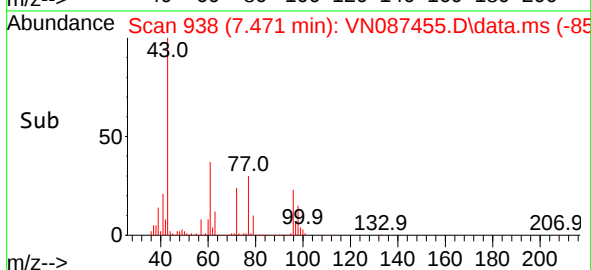
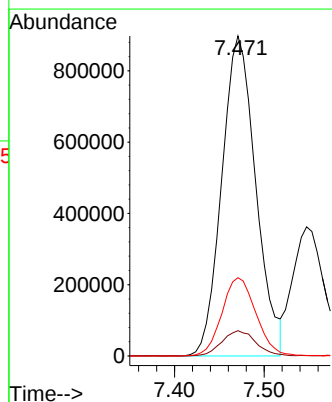
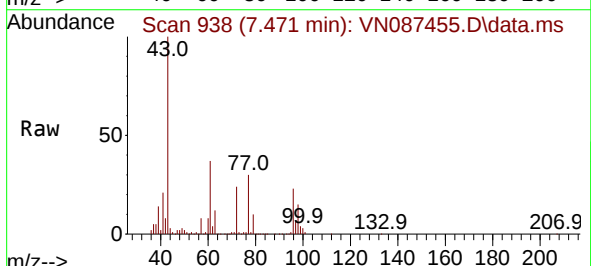
Manual Integrations
APPROVED

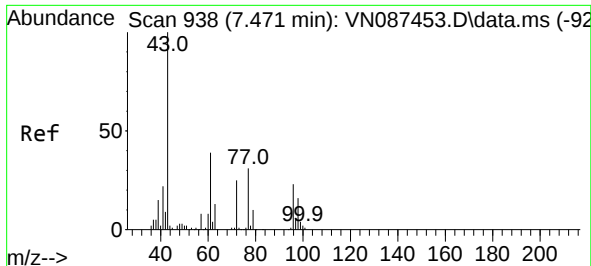
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#30
2-Butanone
Concen: 505.563 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

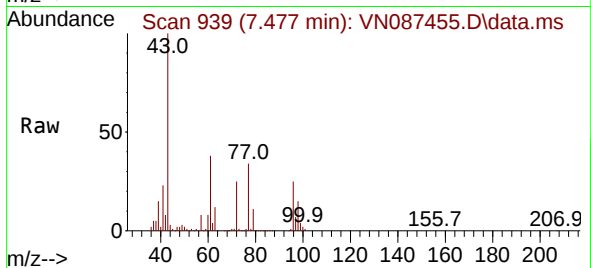
Tgt Ion: 43 Resp: 2366356
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 24.5 19.7 29.5





#31
2,2-Dichloropropane
Concen: 100.781 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

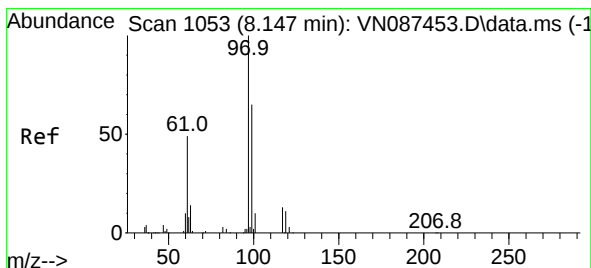
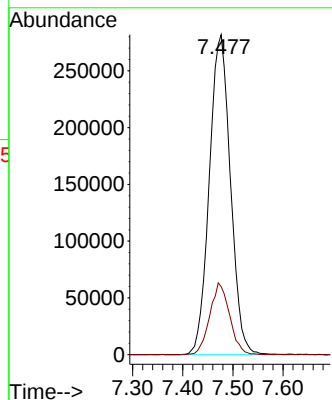
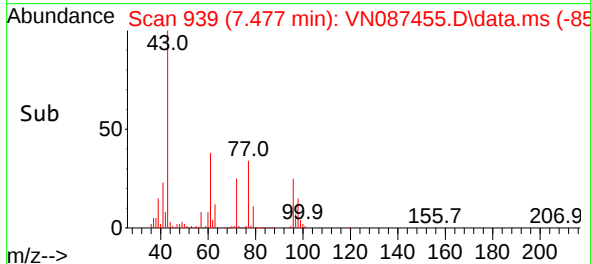
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



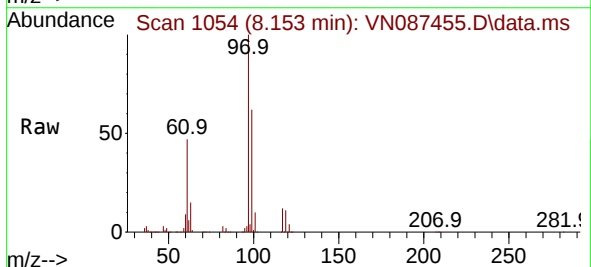
Tgt Ion: 77 Resp: 82538
Ion Ratio Lower Upper
77 100
97 21.0 16.7 25.1

Manual Integrations
APPROVED

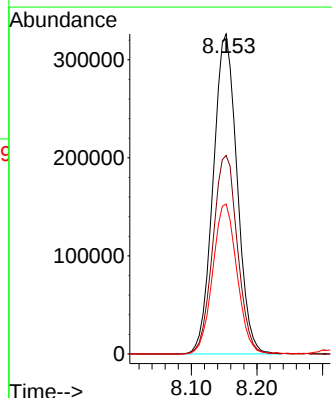
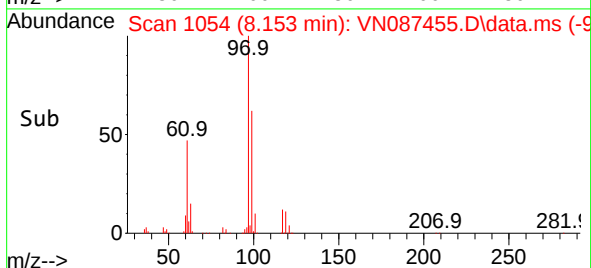
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#32
1,1,1-Trichloroethane
Concen: 101.882 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



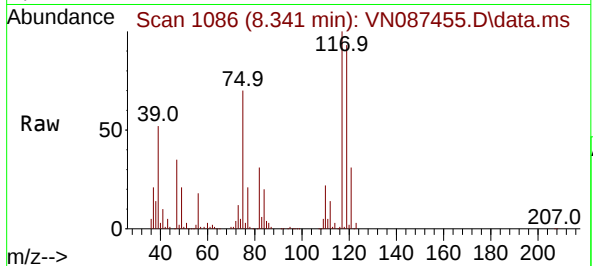
Tgt Ion: 97 Resp: 825110
Ion Ratio Lower Upper
97 100
99 63.8 53.0 79.6
61 47.6 40.6 61.0





#33
Carbon Tetrachloride
Concen: 101.563 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

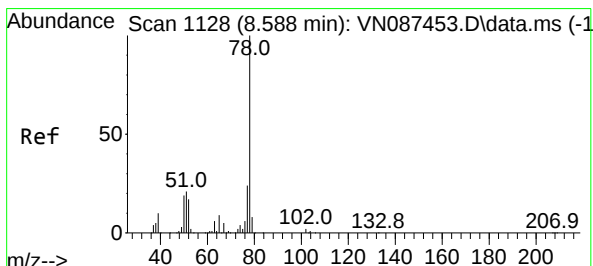
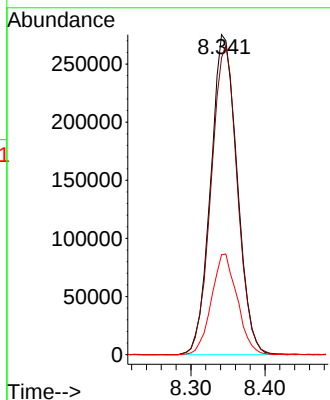
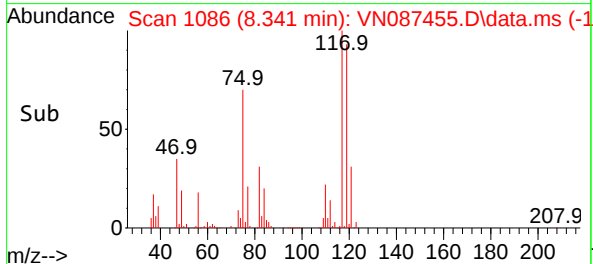
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 117 Resp: 683314
Ion Ratio Lower Upper
117 100
119 92.8 73.4 110.0
121 31.2 21.1 31.7

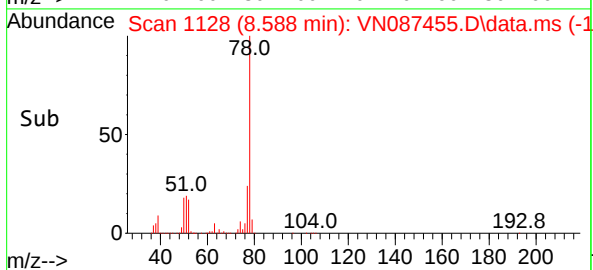
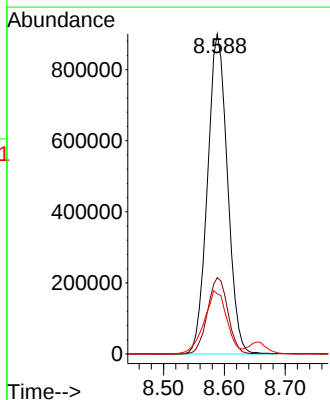
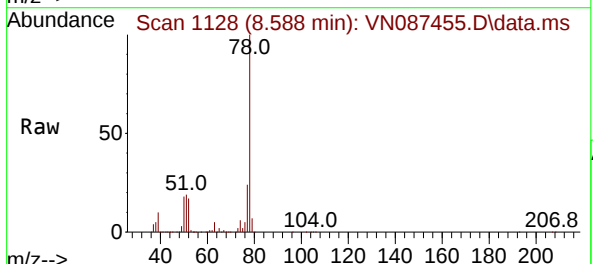
Manual Integrations
APPROVED

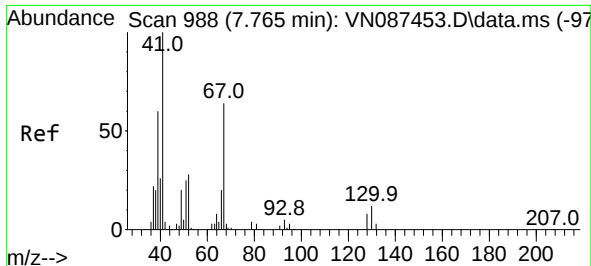
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#34
Benzene
Concen: 102.292 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

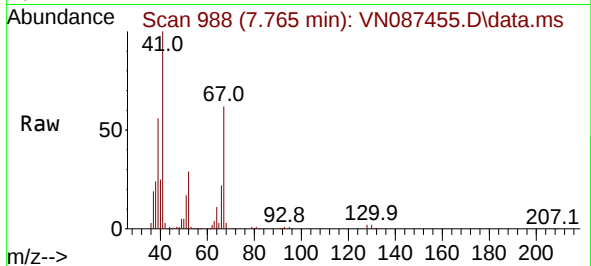
Tgt Ion: 78 Resp: 2050407
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 18.7 16.9 25.3





#35
Methacrylonitrile
Concen: 98.134 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

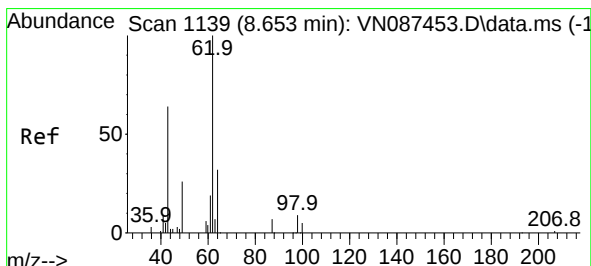
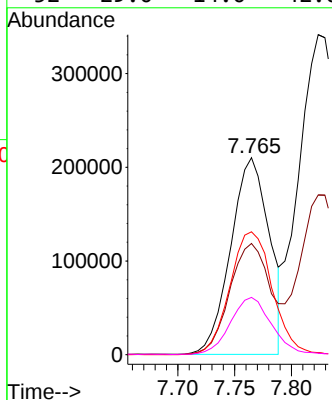
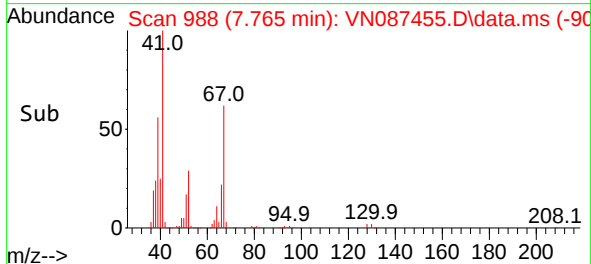
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 495672
Ion Ratio Lower Upper
41 100
39 56.4 30.1 90.5
67 62.5 32.0 96.2
52 29.0 14.0 42.0

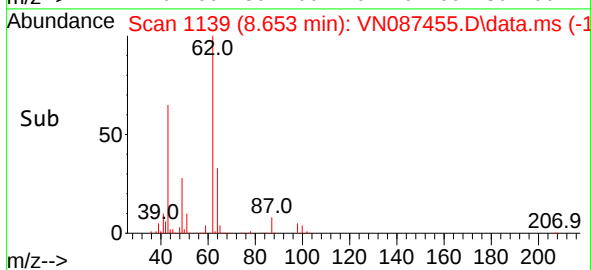
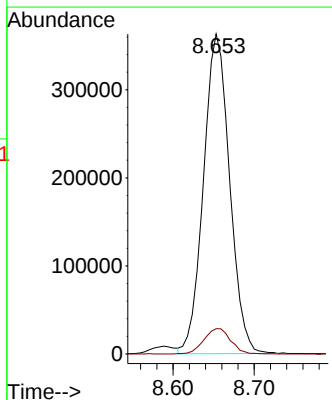
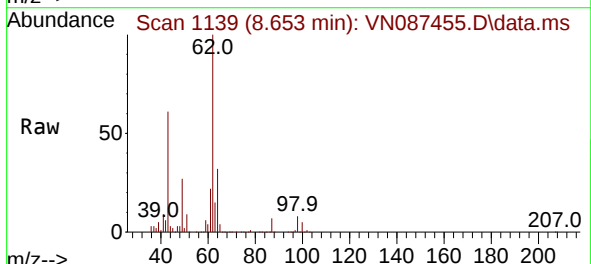
Manual Integrations
APPROVED

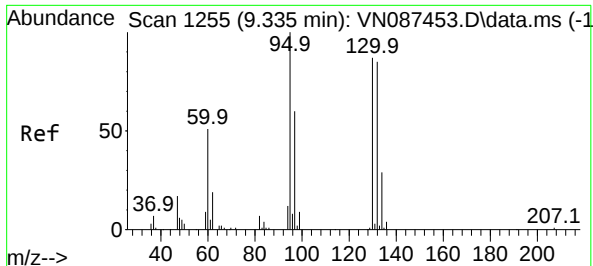
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#36
1,2-Dichloroethane
Concen: 100.306 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

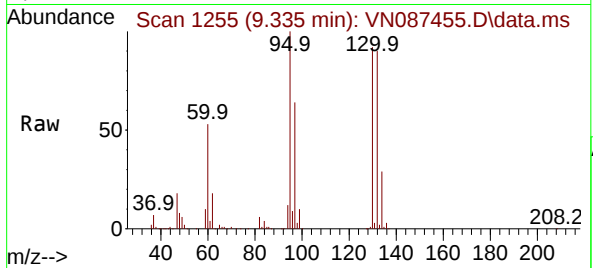
Tgt Ion: 62 Resp: 812745
Ion Ratio Lower Upper
62 100
98 8.1 6.6 9.8





#37
Trichloroethene
Concen: 101.212 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

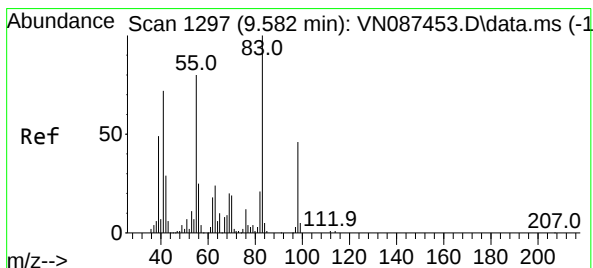
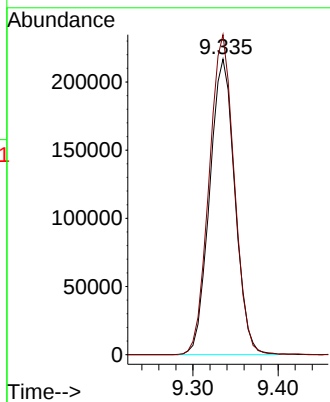
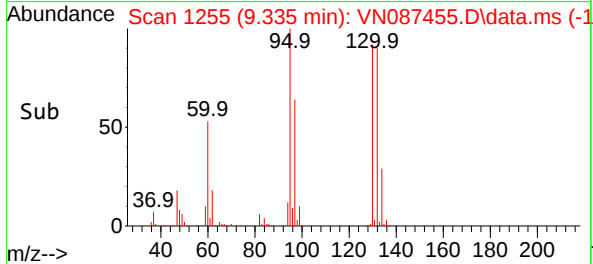
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



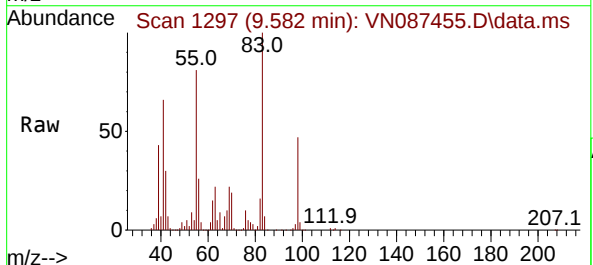
Tgt Ion:130 Resp: 446892
Ion Ratio Lower Upper
130 100
95 108.1 91.4 137.2

Manual Integrations
APPROVED

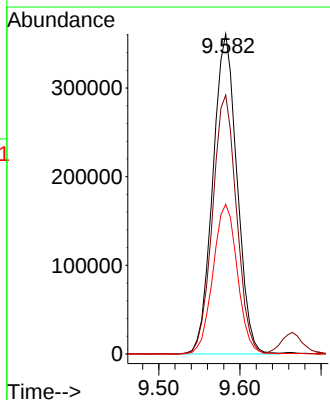
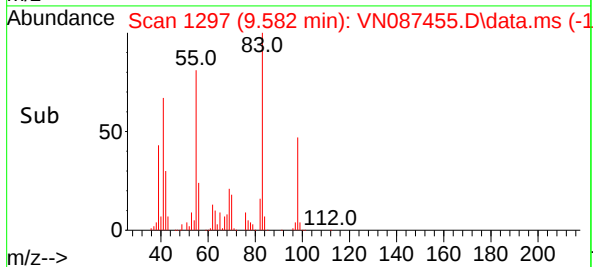
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

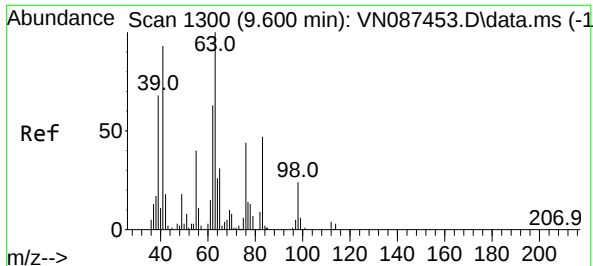


#38
Methylcyclohexane
Concen: 101.482 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



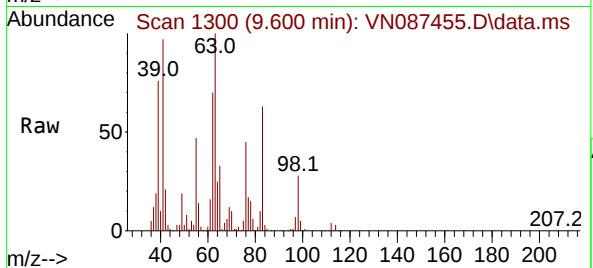
Tgt Ion: 83 Resp: 747573
Ion Ratio Lower Upper
83 100
55 80.4 41.2 123.6
98 47.0 23.3 69.9





#39
1,2-Dichloropropane
Concen: 100.868 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

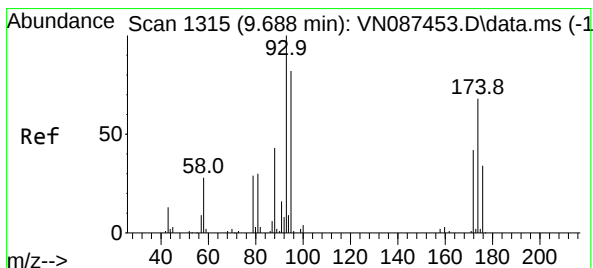
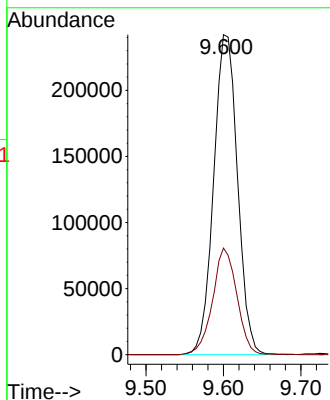
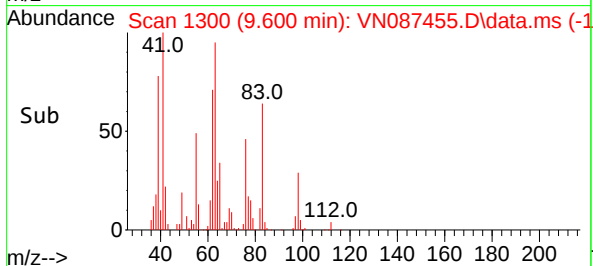
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 51839
Ion Ratio Lower Upper
63 100
65 33.3 24.6 36.8

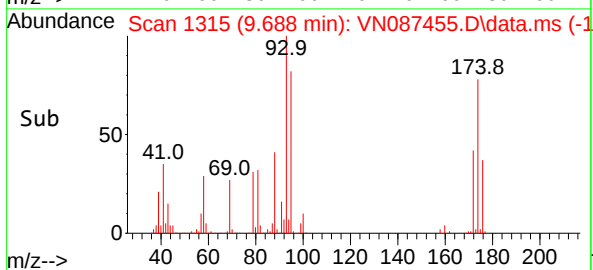
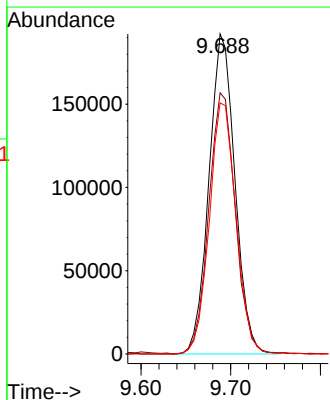
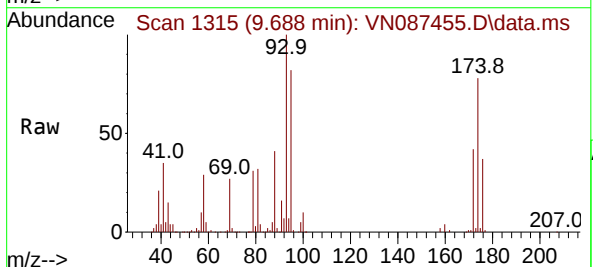
Manual Integrations
APPROVED

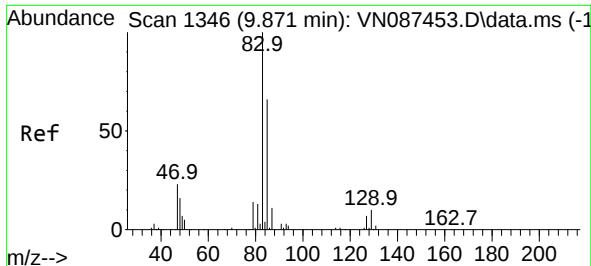
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#40
Dibromomethane
Concen: 100.231 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Tgt Ion: 93 Resp: 386489
Ion Ratio Lower Upper
93 100
95 83.5 0.0 161.6
174 80.4 0.0 151.4





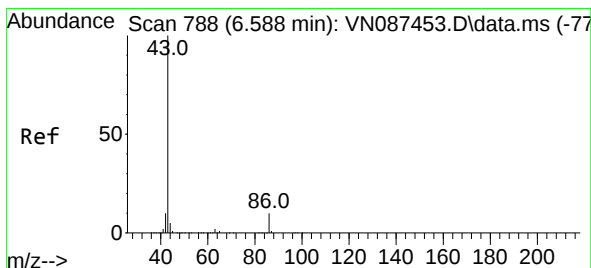
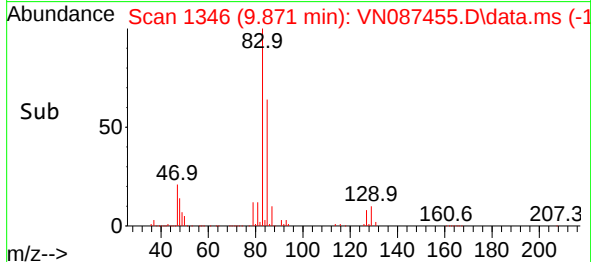
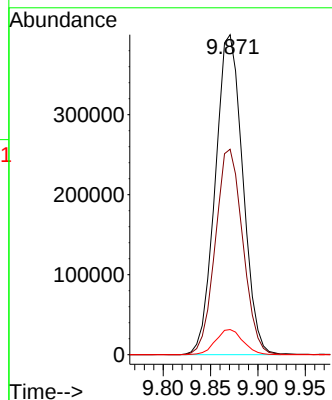
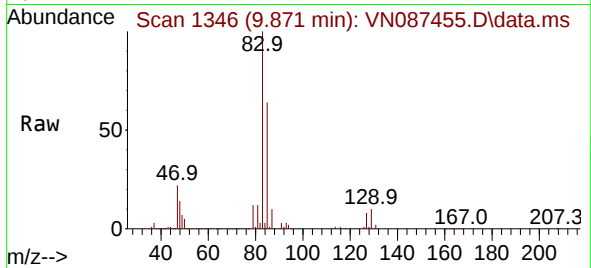
#41
Bromodichloromethane
Concen: 100.928 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 808690
Ion Ratio Lower Upper
83 100
85 64.2 52.9 79.3
127 7.9 5.8 8.6

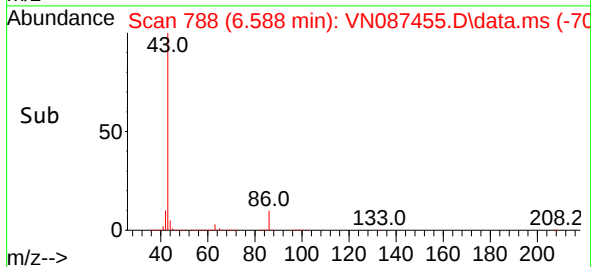
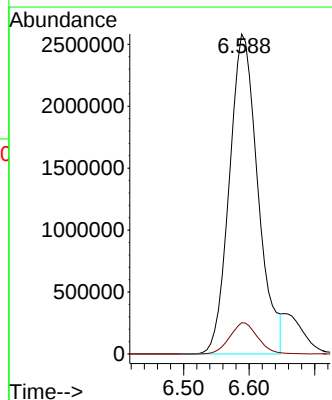
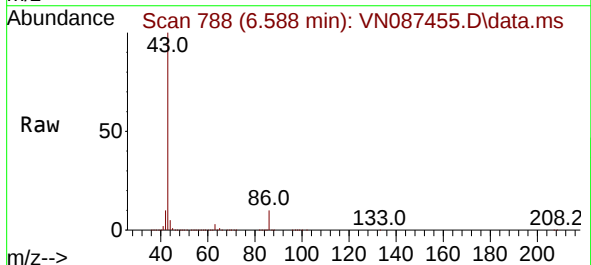
Manual Integrations
APPROVED

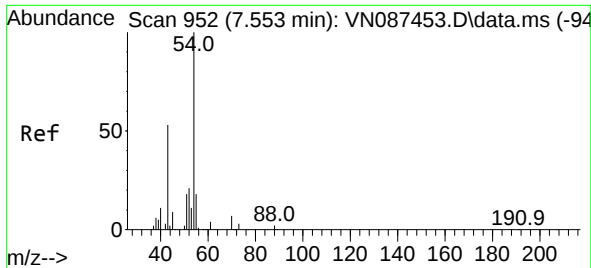
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#42
Vinyl Acetate
Concen: 507.335 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

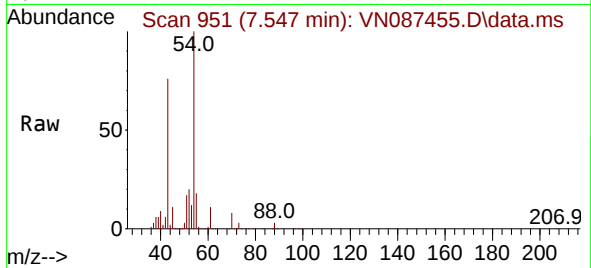
Tgt Ion: 43 Resp: 7820160
Ion Ratio Lower Upper
43 100
86 9.6 7.3 10.9





#43
Ethyl Acetate
Concen: 101.868 ug/l
RT: 7.547 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

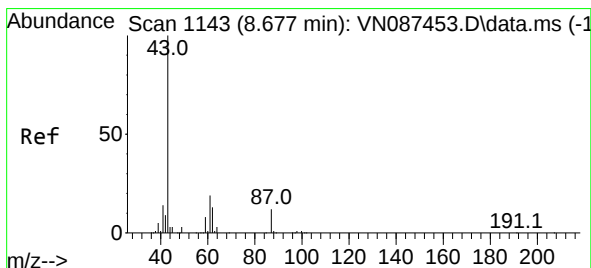
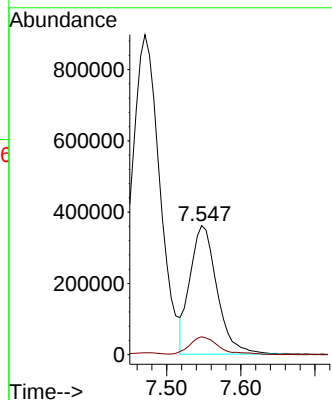
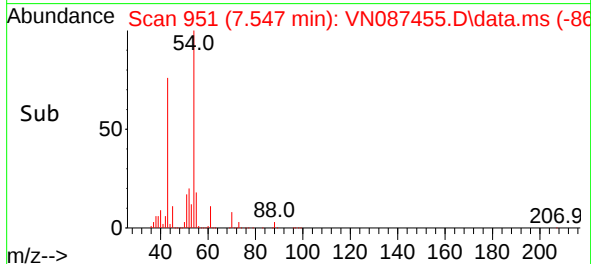
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 907628
Ion Ratio Lower Upper
43 100
45 15.2 11.1 16.7

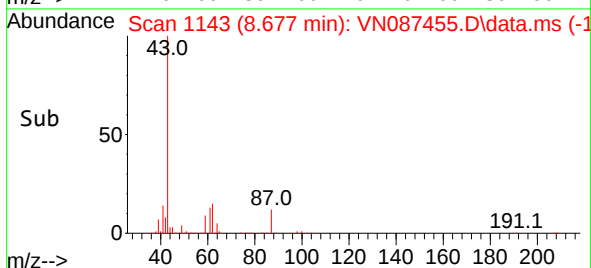
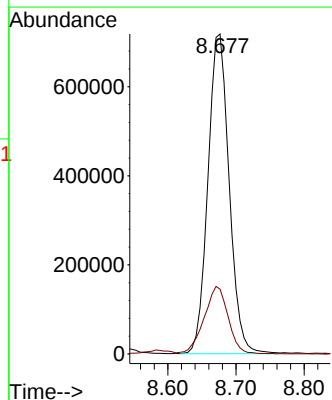
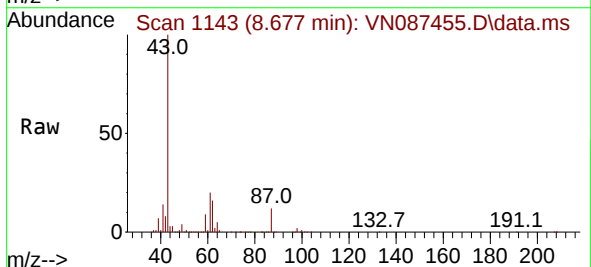
Manual Integrations
APPROVED

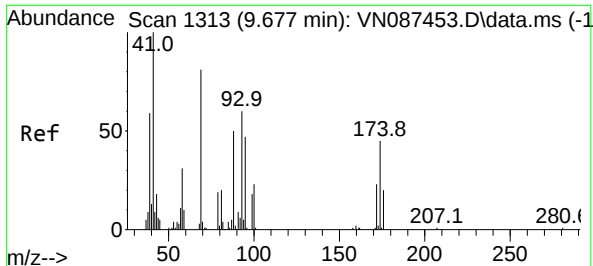
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#44
Isopropyl Acetate
Concen: 101.675 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Tgt Ion: 43 Resp: 1558470
Ion Ratio Lower Upper
43 100
61 24.0 18.6 28.0





#45

1,4-Dioxane

Concen: 1985.385 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087455.D

Acq: 05 Aug 2025 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 194000

Ion Ratio Lower Upper

88 100

43 30.1 24.1 36.1

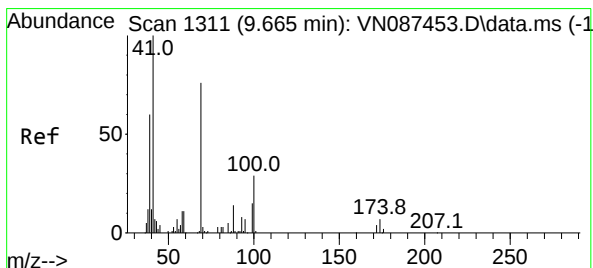
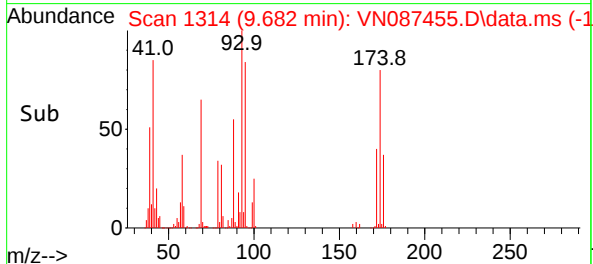
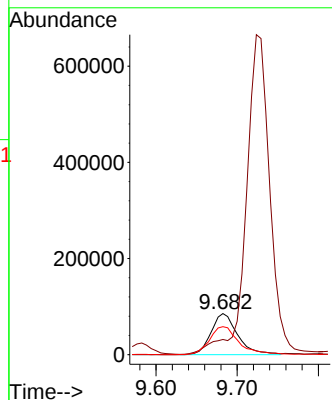
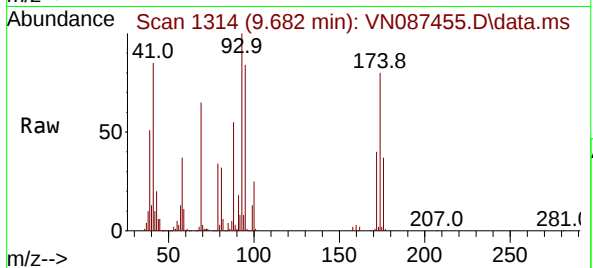
58 75.8 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#46

Methyl methacrylate

Concen: 101.273 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087455.D

Acq: 05 Aug 2025 14:40

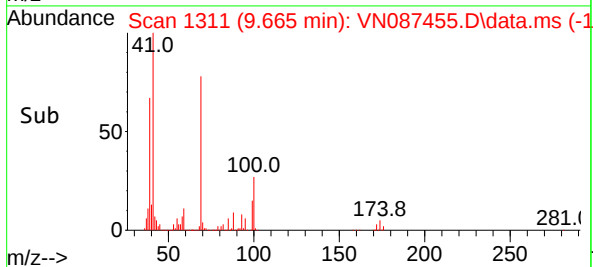
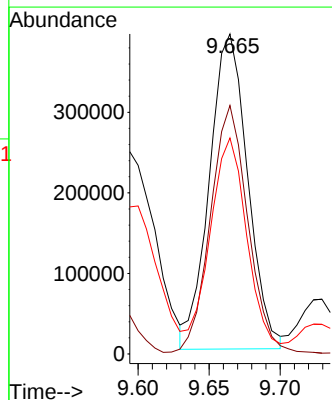
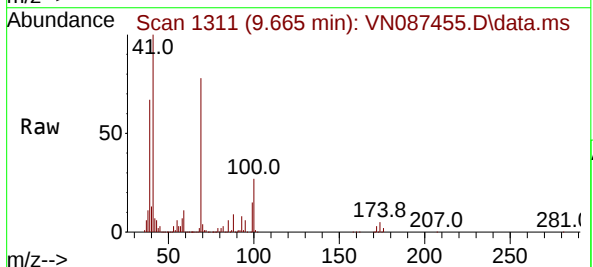
Tgt Ion: 41 Resp: 732745

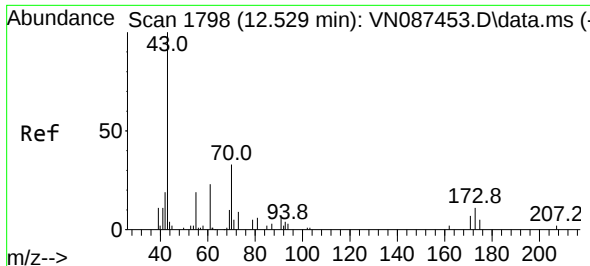
Ion Ratio Lower Upper

41 100

69 80.6 37.1 111.5

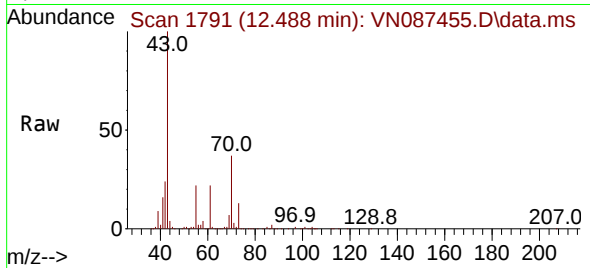
39 68.0 30.7 92.1





#47
n-amy1 Acetate
Concen: 128.748 ug/l
RT: 12.488 min Scan# 1798
Delta R.T. -0.041 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

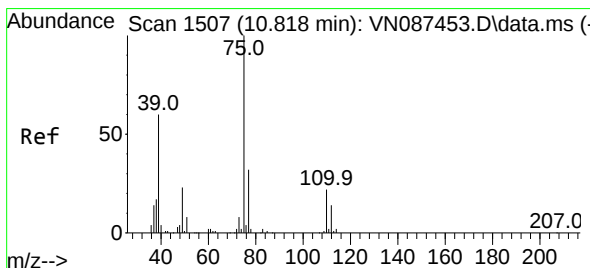
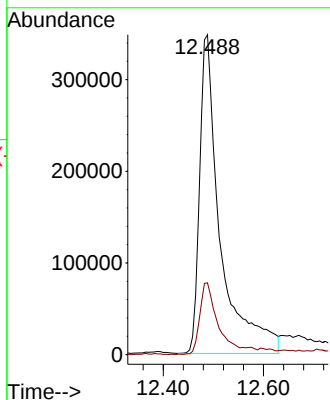
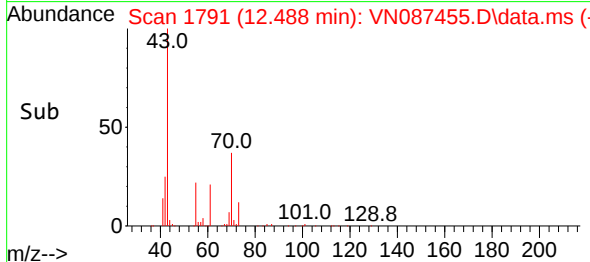
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



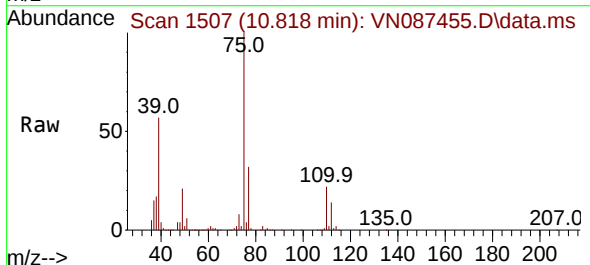
Tgt Ion: 43 Resp: 992295
Ion Ratio Lower Upper
43 100
55 19.3 4.6 6.8

Manual Integrations
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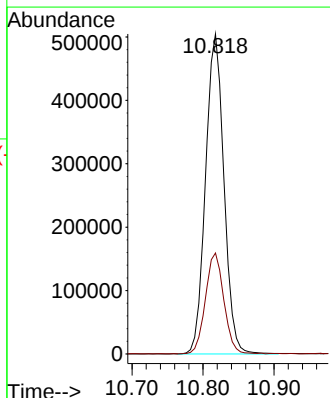
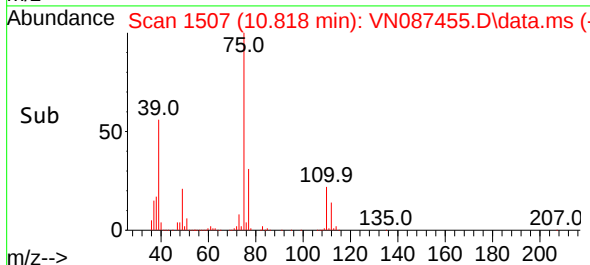
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#48
t-1,3-Dichloropropene
Concen: 104.188 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



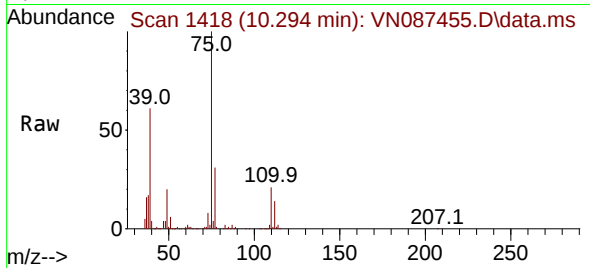
Tgt Ion: 75 Resp: 908224
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 102.958 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

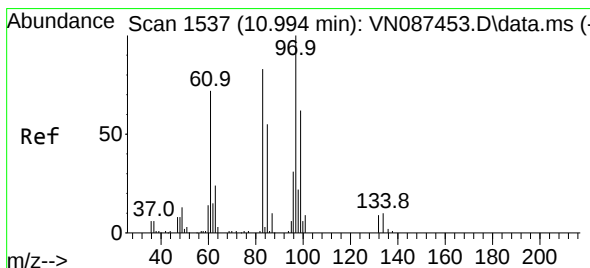
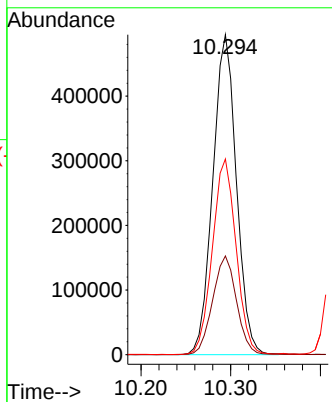
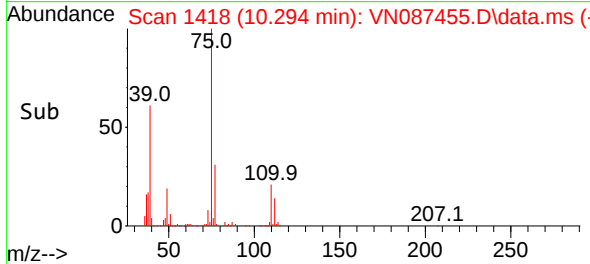
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 75 Resp: 903230
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8
 39 61.1 51.5 77.3

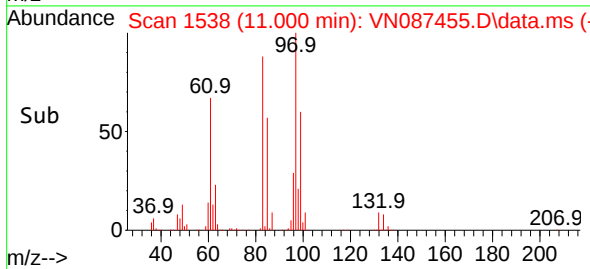
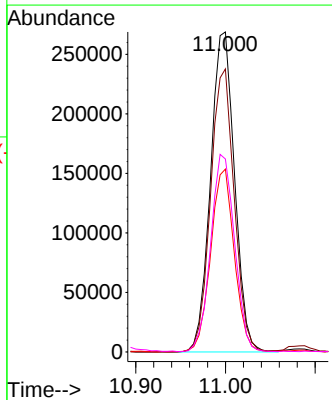
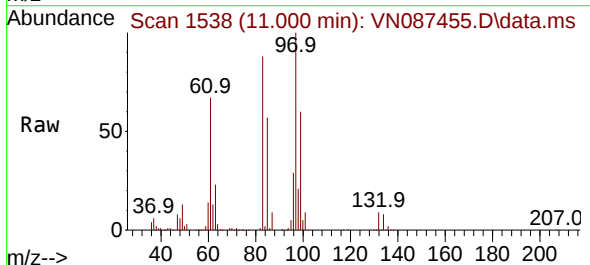
Manual Integrations
 APPROVED

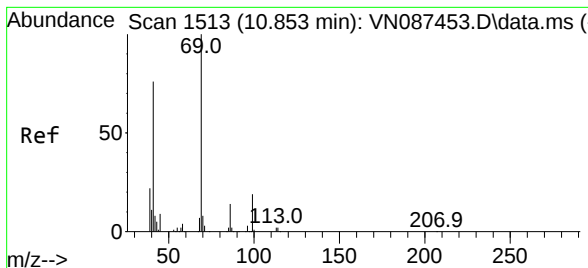
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#50
 1,1,2-Trichloroethane
 Concen: 102.720 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

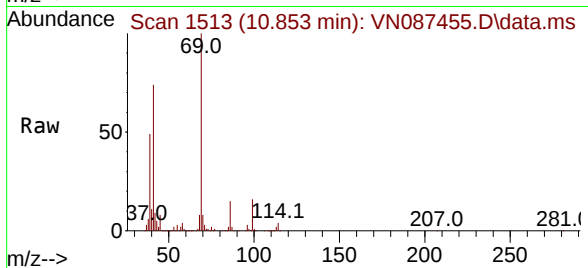
Tgt Ion: 97 Resp: 500440
 Ion Ratio Lower Upper
 97 100
 83 88.4 66.2 99.2
 85 57.1 43.9 65.9
 99 60.2 50.0 75.0





#51
Ethyl methacrylate
Concen: 108.040 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

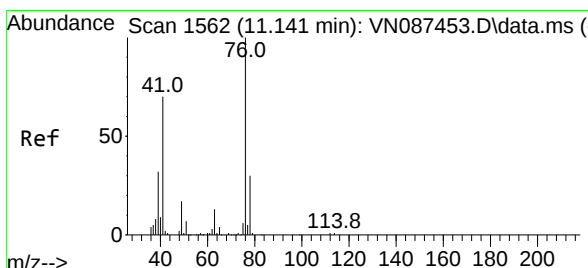
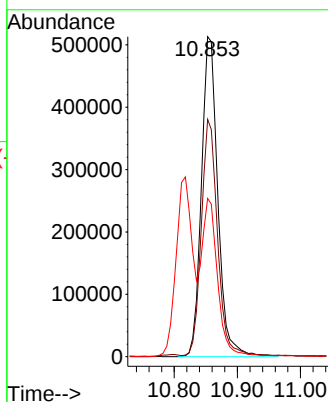
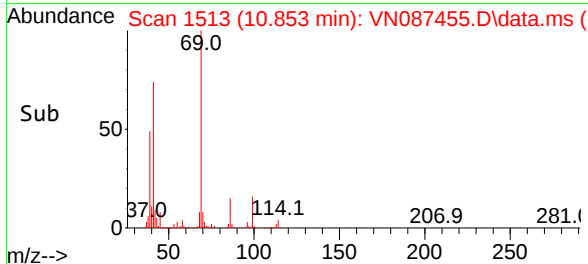
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 926992
Ion Ratio Lower Upper
69 100
41 73.7 38.0 114.1
39 49.1 23.2 69.5

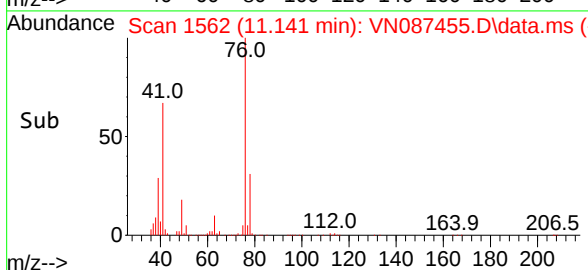
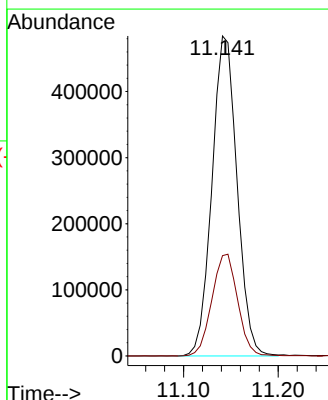
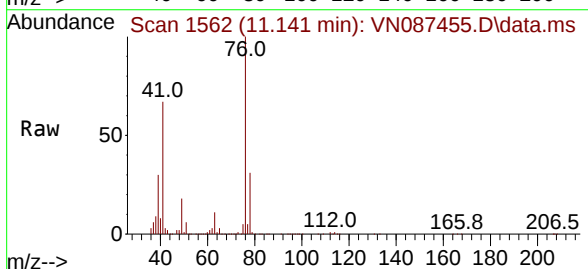
Manual Integrations
APPROVED

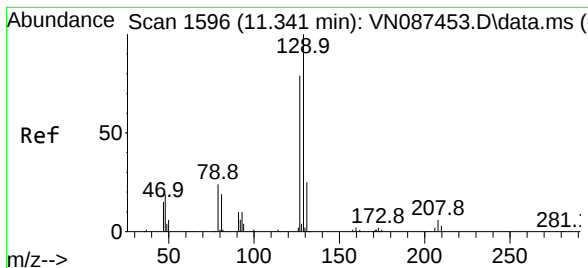
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#52
1,3-Dichloropropane
Concen: 101.657 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

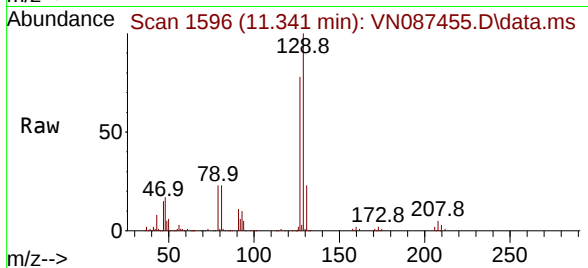
Tgt Ion: 76 Resp: 892266
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.0





#53
Dibromochloromethane
Concen: 104.918 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

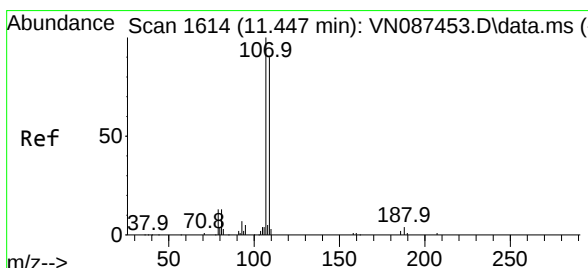
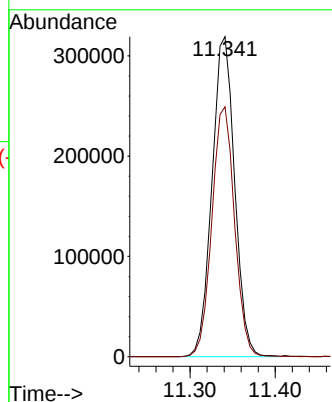
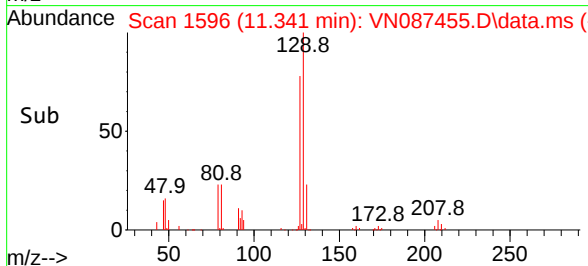
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



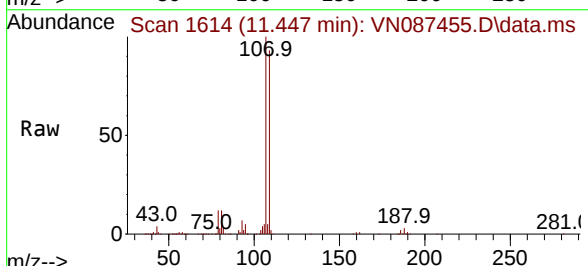
Tgt Ion:129 Resp: 590310
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3

Manual Integrations
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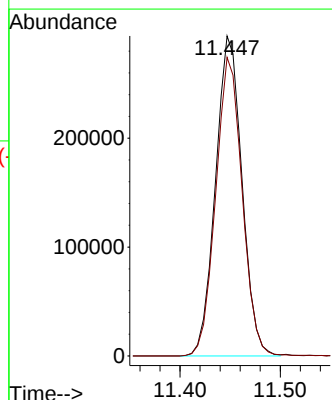
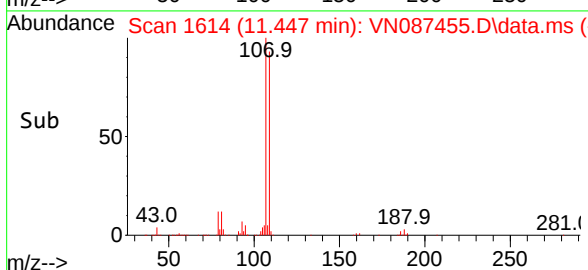
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

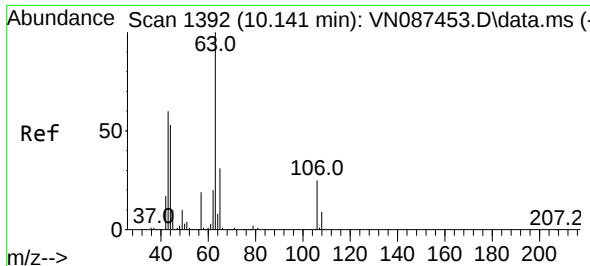


#54
1,2-Dibromoethane
Concen: 103.987 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



Tgt Ion:107 Resp: 537806
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4





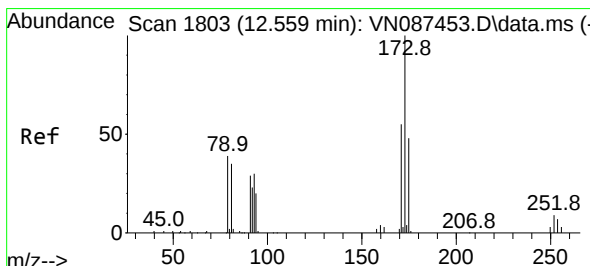
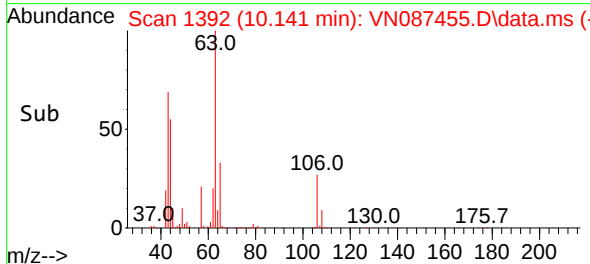
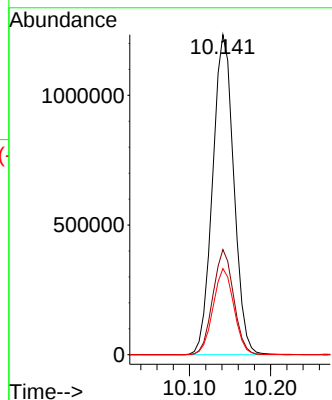
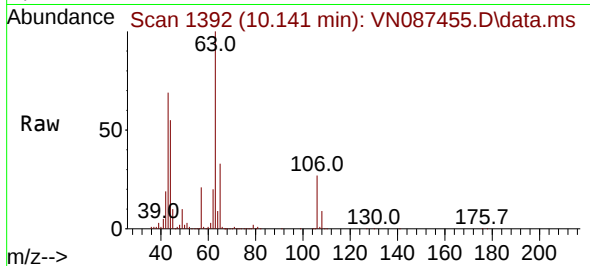
#55
2-Chloroethyl vinyl ether
Concen: 495.251 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 2236990
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 26.5 20.7 31.1

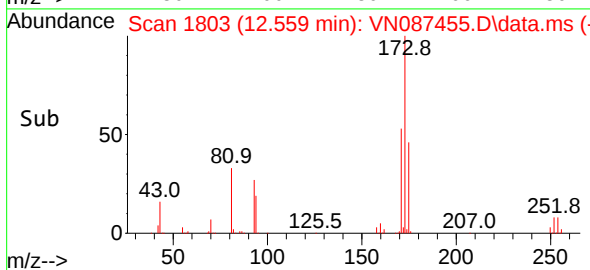
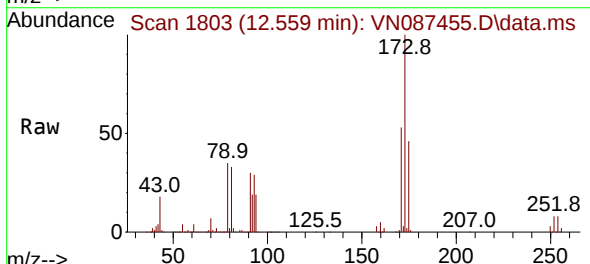
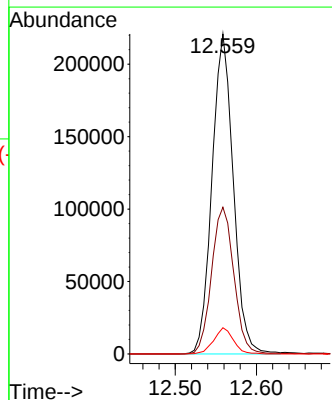
Manual Integrations
APPROVED

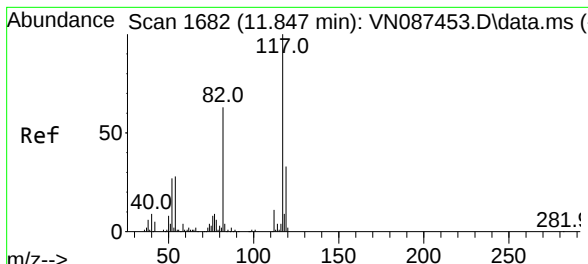
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#56
Bromoform
Concen: 108.214 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Tgt Ion:173 Resp: 402717
Ion Ratio Lower Upper
173 100
175 47.8 38.8 58.2
254 7.6 3.9 5.9#





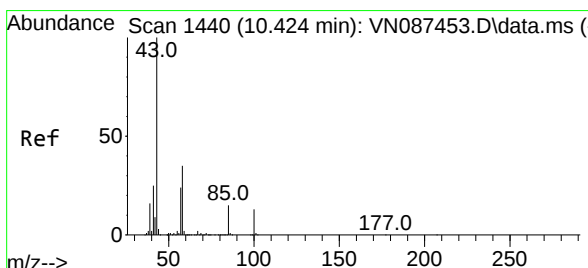
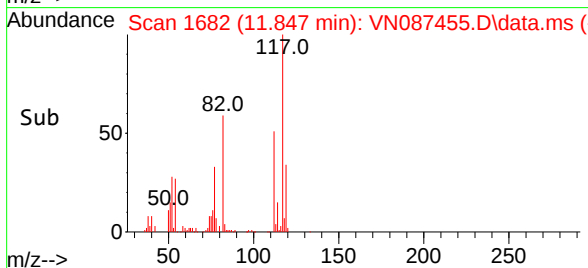
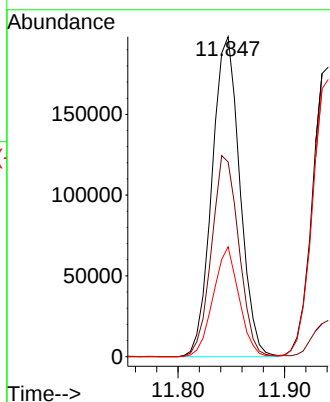
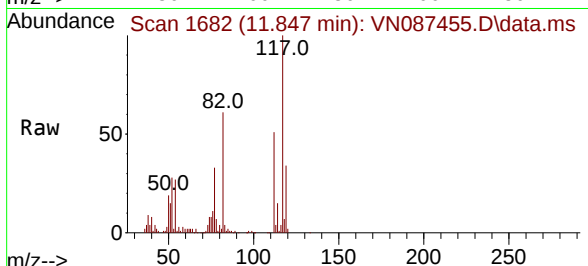
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 359650
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 31.8 25.7 38.5

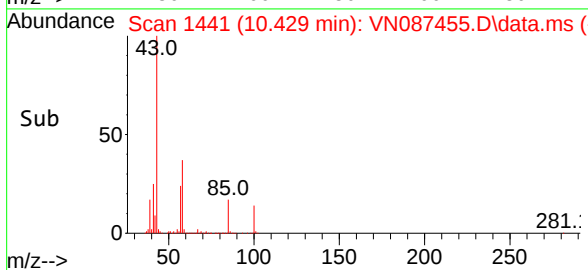
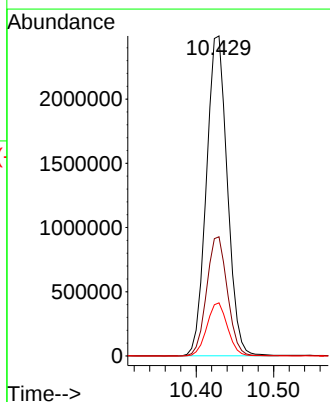
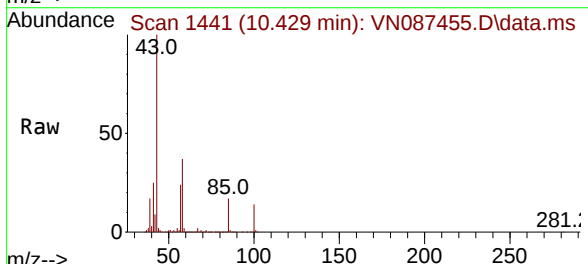
Manual Integrations
APPROVED

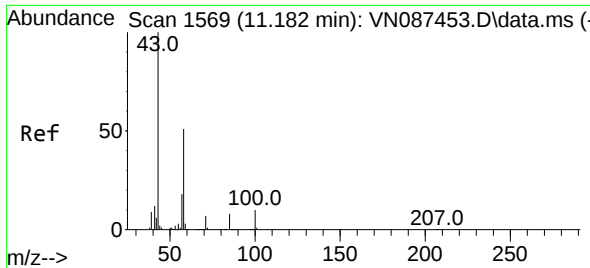
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#58
4-Methyl-2-Pentanone
Concen: 505.641 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

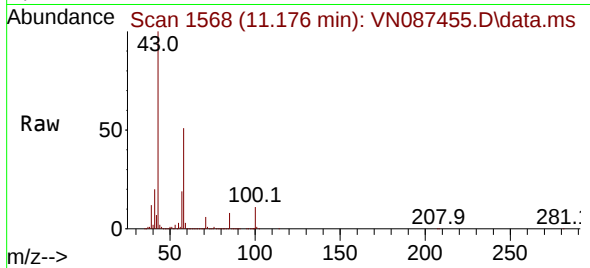
Tgt Ion: 43 Resp: 4678202
Ion Ratio Lower Upper
43 100
58 37.1 29.0 43.6
85 16.4 12.7 19.1





#59
2-Hexanone
Concen: 535.301 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

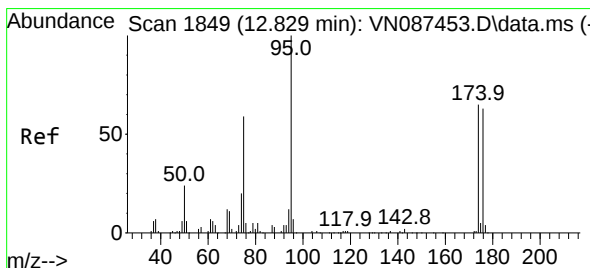
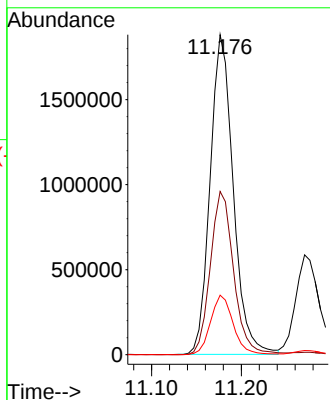
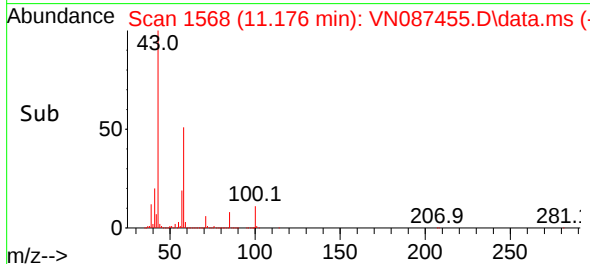
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



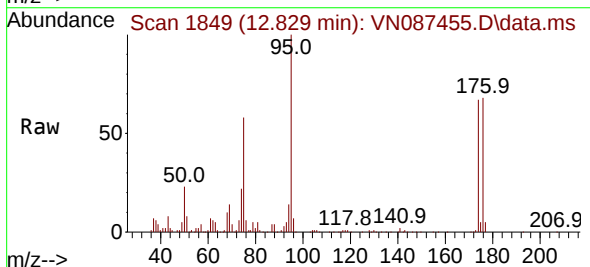
Tgt Ion: 43 Resp: 3365074
Ion Ratio Lower Upper
43 100
58 51.4 41.0 61.6
57 18.2 14.6 21.8

Manual Integrations
APPROVED

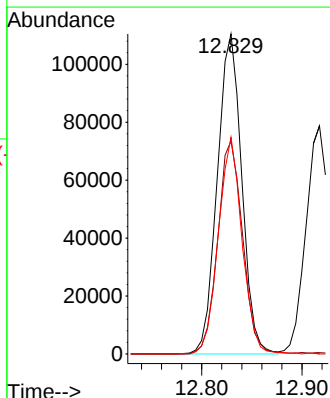
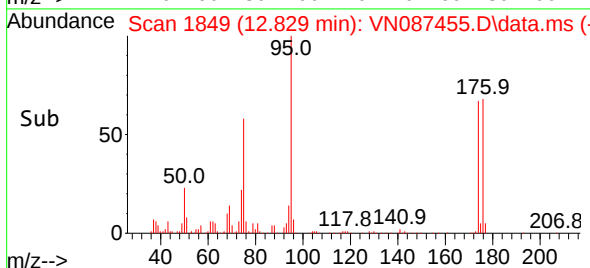
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

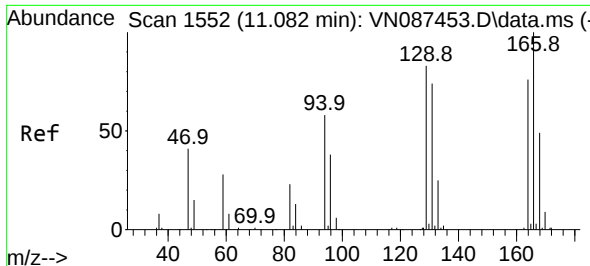


#60
4-Bromofluorobenzene
Concen: 30.190 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



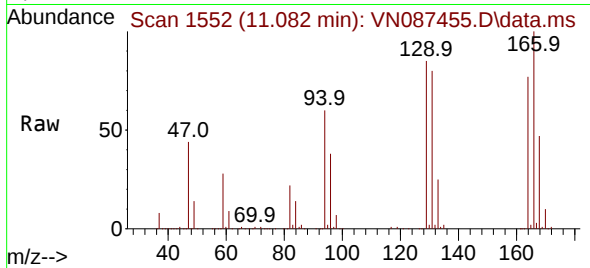
Tgt Ion: 95 Resp: 186862
Ion Ratio Lower Upper
95 100
174 67.7 52.3 78.5
176 65.7 49.8 74.8





#61
Tetrachloroethene
Concen: 99.301 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

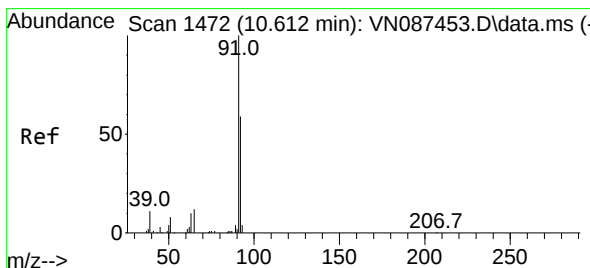
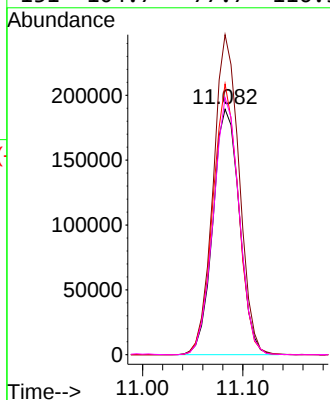
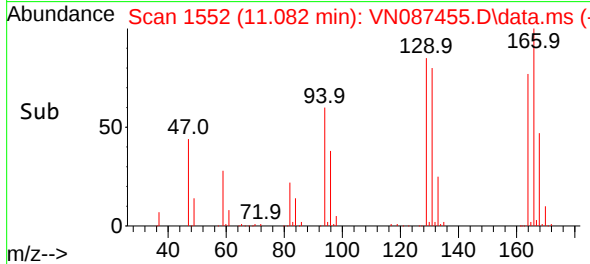
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



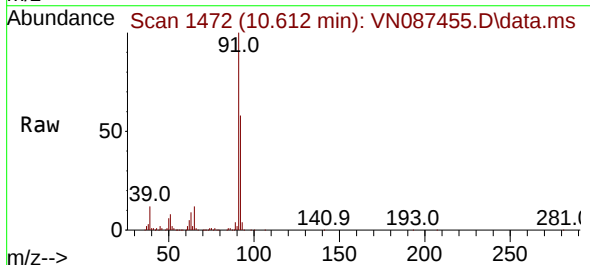
Tgt Ion:164 Resp: 347945
Ion Ratio Lower Upper
164 100
166 130.3 105.4 158.0
129 110.2 87.7 131.5
131 104.7 77.7 116.5

Manual Integrations
APPROVED

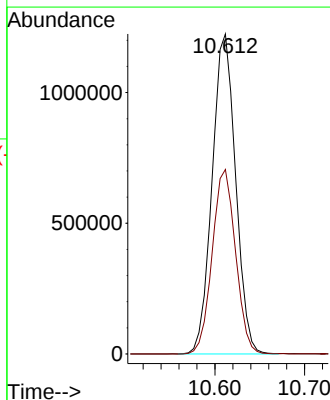
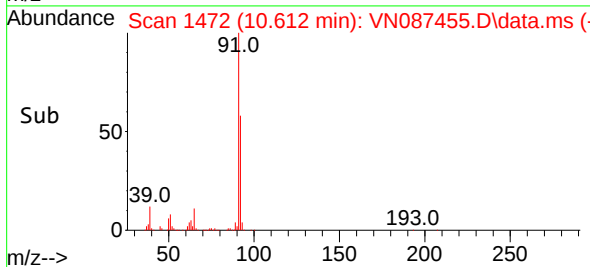
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

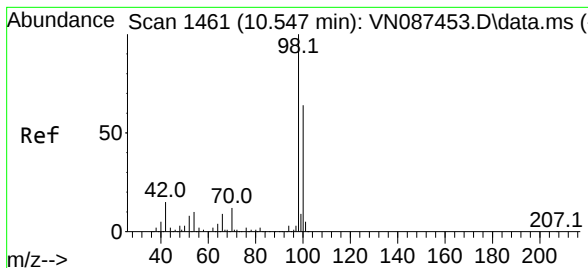


#62
Toluene
Concen: 100.129 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



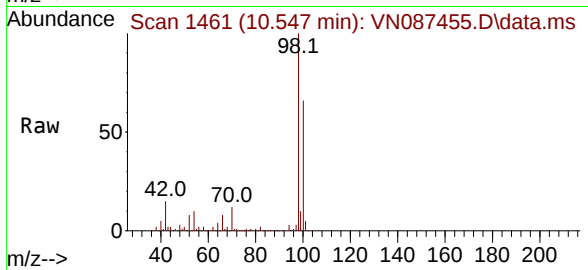
Tgt Ion: 91 Resp: 2222660
Ion Ratio Lower Upper
91 100
92 57.3 45.8 68.6





#63
Toluene-d8
Concen: 30.114 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

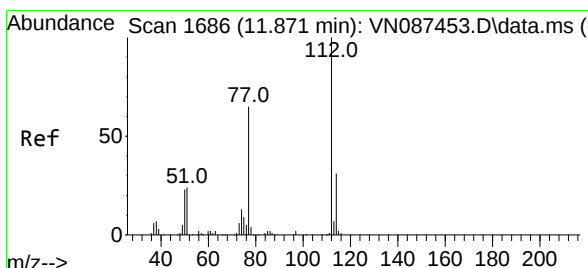
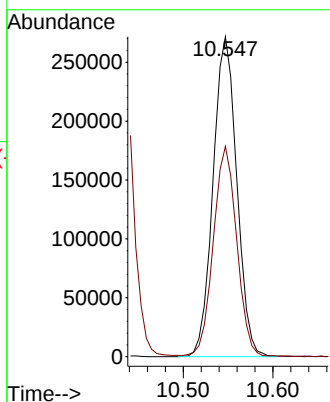
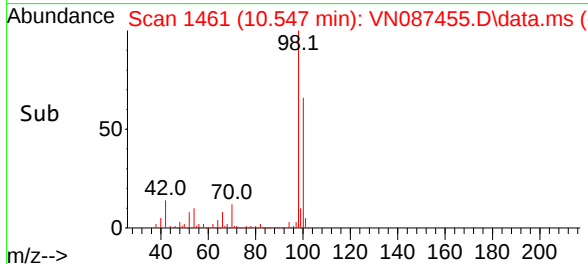
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



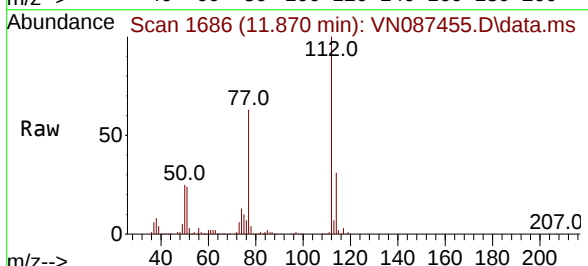
Tgt Ion: 98 Resp: 498338
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

Manual Integrations
APPROVED

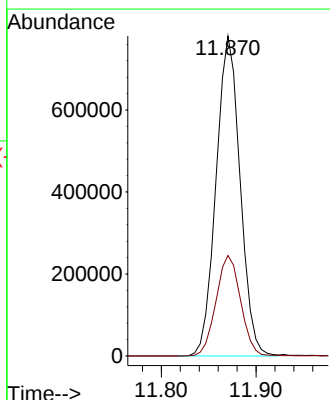
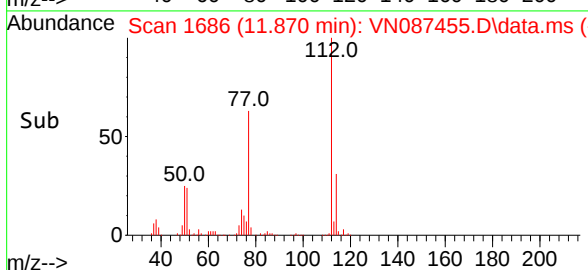
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

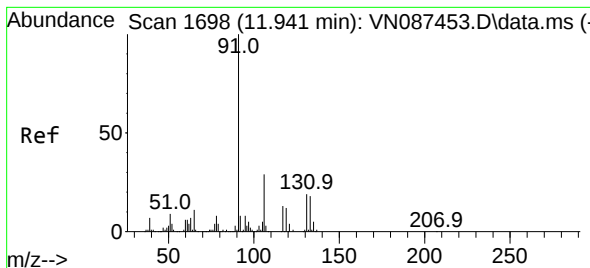


#64
Chlorobenzene
Concen: 100.975 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



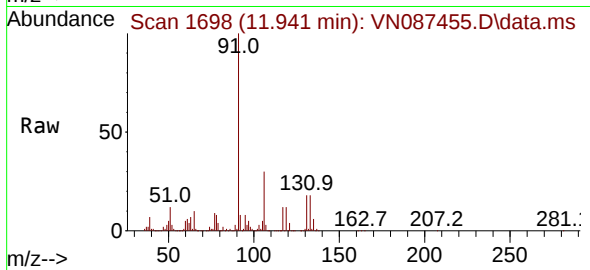
Tgt Ion:112 Resp: 1377291
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 101.362 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

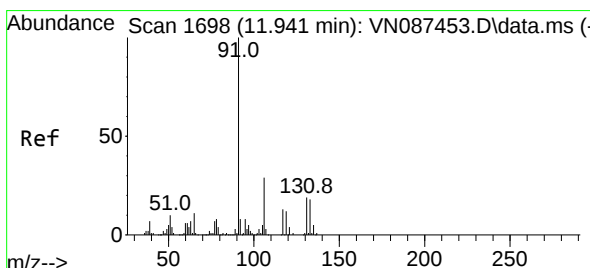
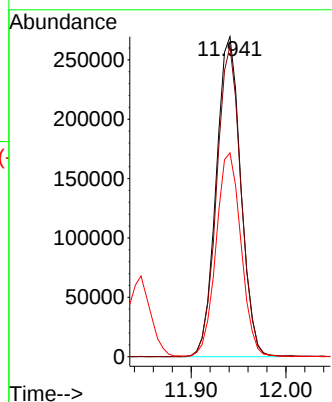
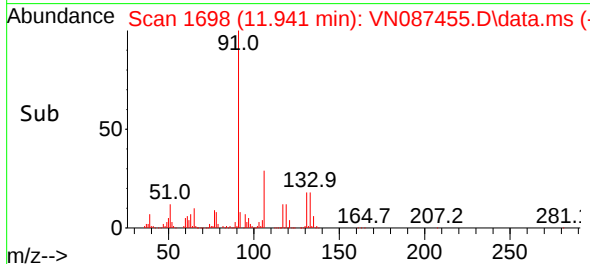
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



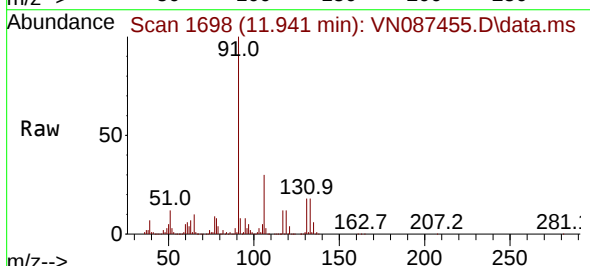
Tgt Ion:131 Resp: 486095
Ion Ratio Lower Upper
131 100
133 95.9 0.0 189.8
119 64.8 0.0 133.2

Manual Integrations
APPROVED

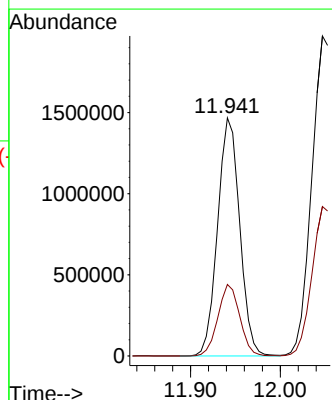
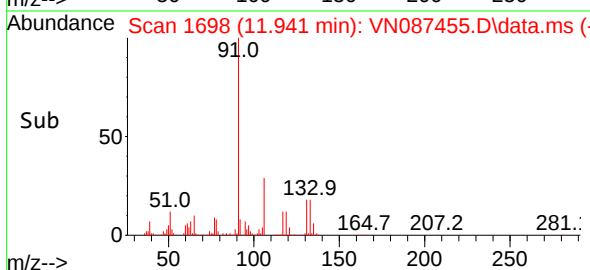
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

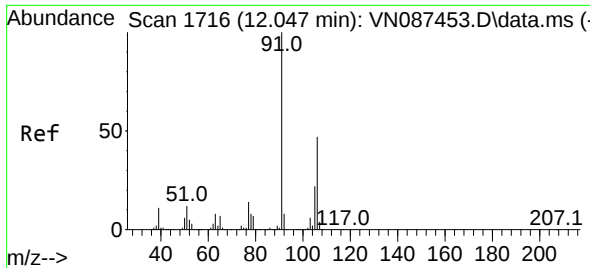


#66
Ethyl Benzene
Concen: 101.451 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



Tgt Ion: 91 Resp: 2510073
Ion Ratio Lower Upper
91 100
106 30.0 22.9 34.3





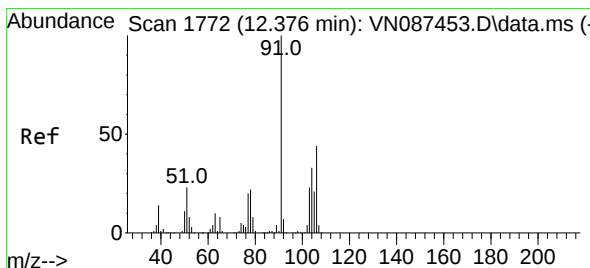
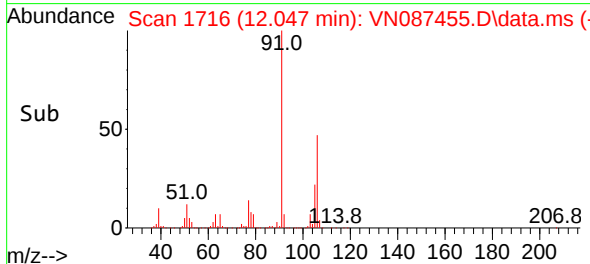
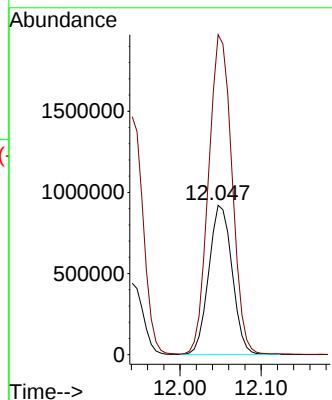
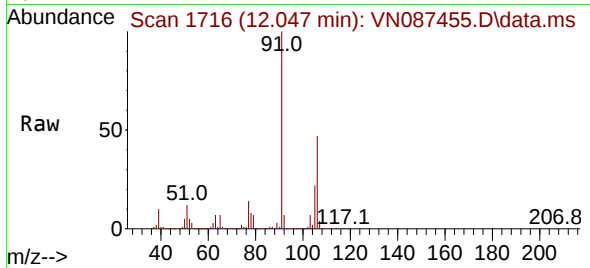
#67
m/p-Xylenes
Concen: 202.817 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1841924
Ion Ratio Lower Upper
106 100
91 215.5 174.2 261.2

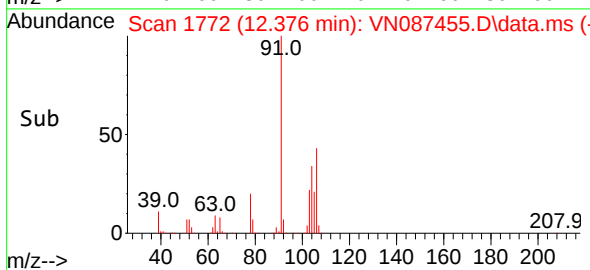
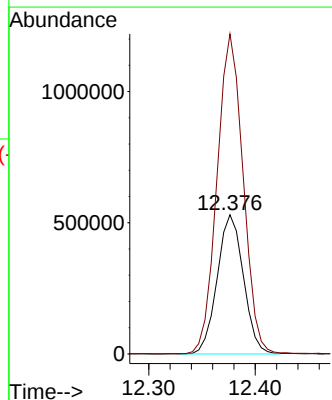
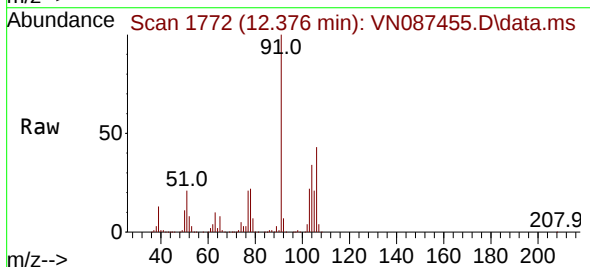
Manual Integrations
APPROVED

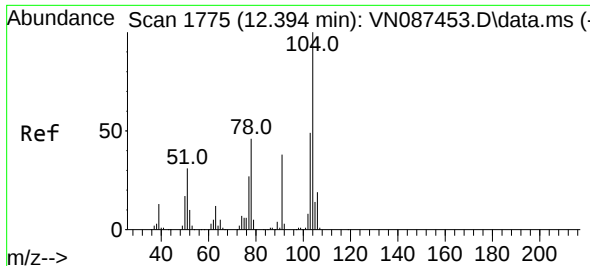
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#68
o-Xylene
Concen: 101.440 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

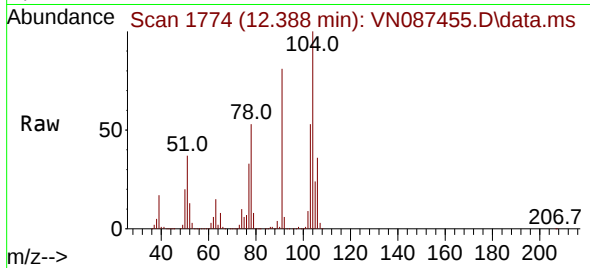
Tgt Ion:106 Resp: 906317
Ion Ratio Lower Upper
106 100
91 228.8 114.5 343.5





#69
Styrene
Concen: 103.928 ug/l
RT: 12.388 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

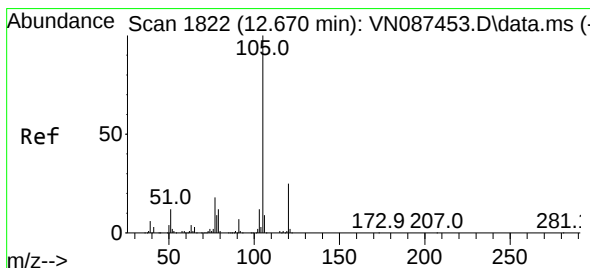
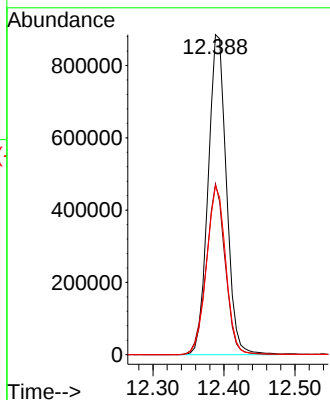
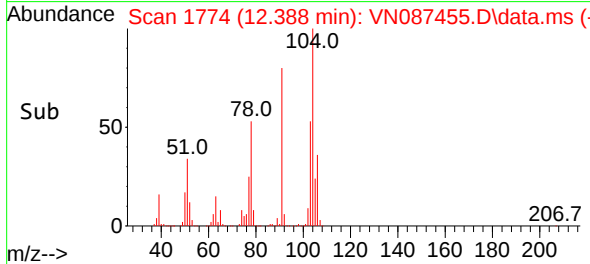
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



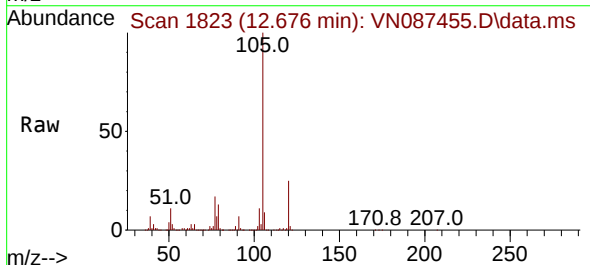
Tgt Ion:104 Resp: 158550
Ion Ratio Lower Upper
104 100
78 55.1 43.8 65.8
103 55.4 43.1 64.7

Manual Integrations
APPROVED

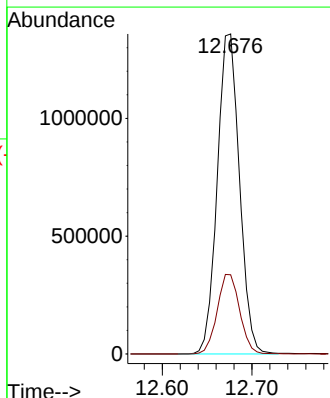
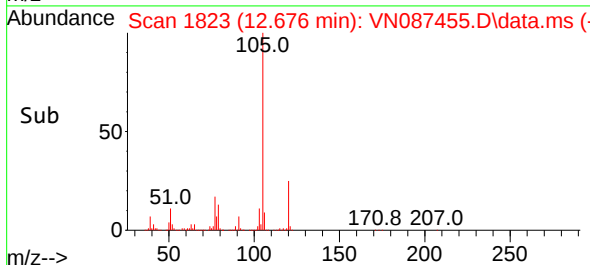
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

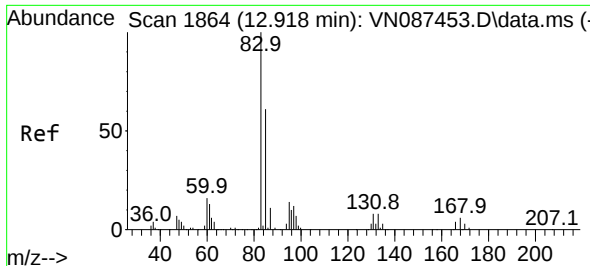


#70
Isopropylbenzene
Concen: 102.833 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



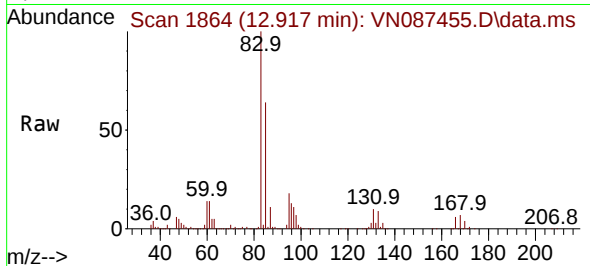
Tgt Ion:105 Resp: 2334192
Ion Ratio Lower Upper
105 100
120 25.2 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 100.840 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

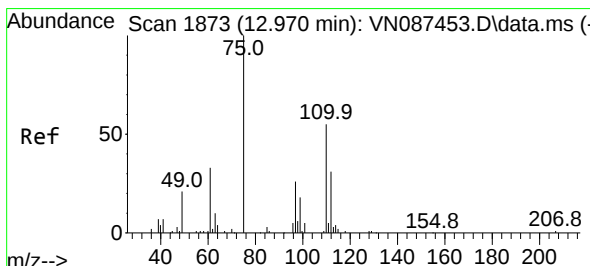
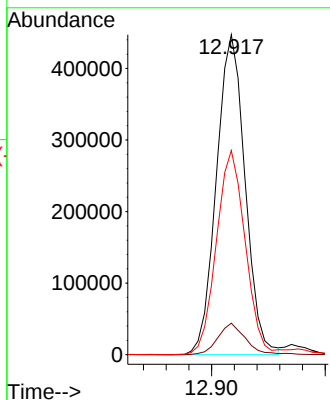
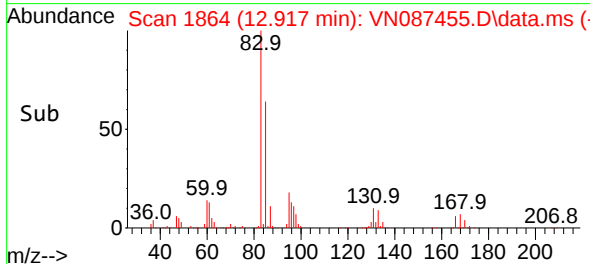
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 784278
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 63.8 31.7 95.1

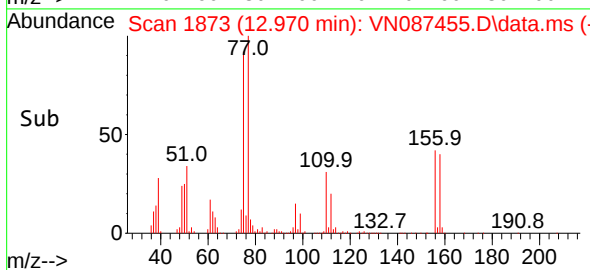
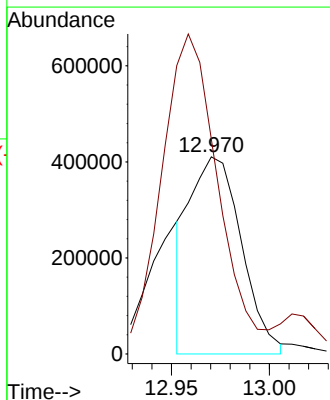
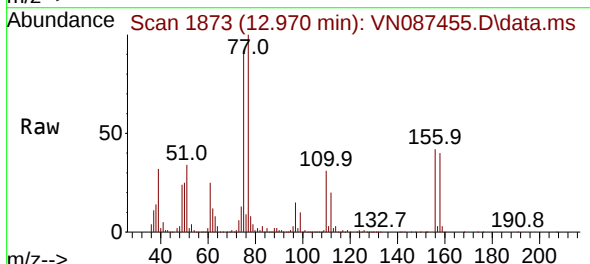
Manual Integrations
APPROVED

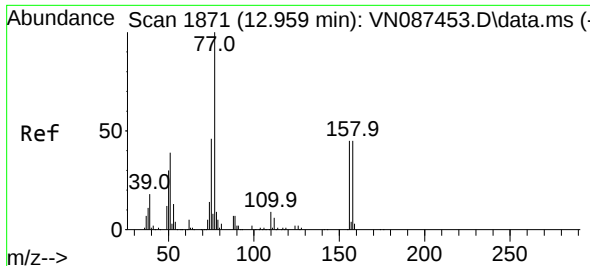
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#72
1,2,3-Trichloropropane
Concen: 94.296 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

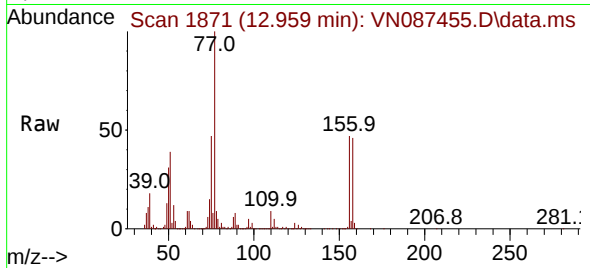
Tgt Ion: 75 Resp: 753853
Ion Ratio Lower Upper
75 100
77 179.0 0.0 385.0





#73
Bromobenzene
Concen: 102.653 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

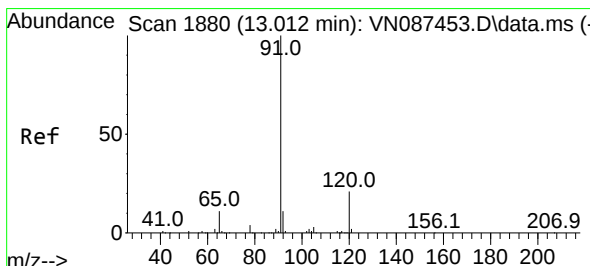
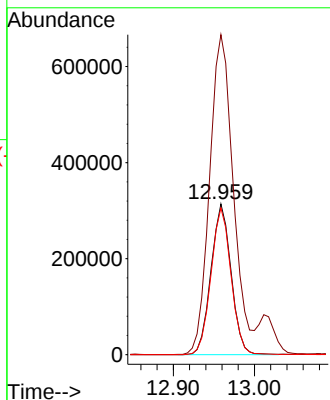
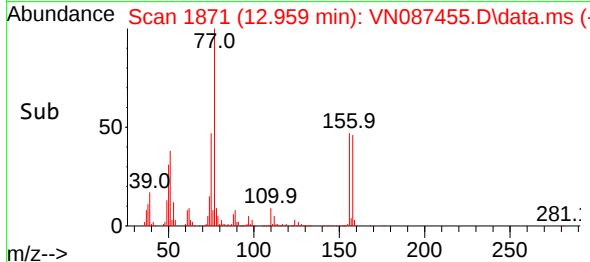
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



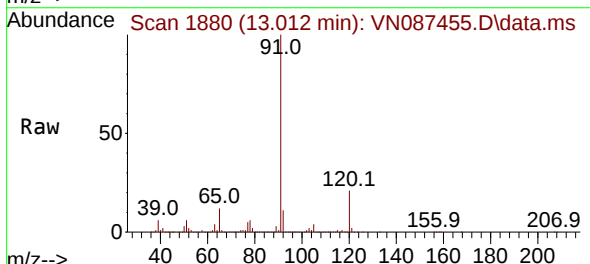
Tgt Ion:156 Resp: 540169
Ion Ratio Lower Upper
156 100
77 249.8 0.0 506.6
158 97.2 0.0 193.6

Manual Integrations
APPROVED

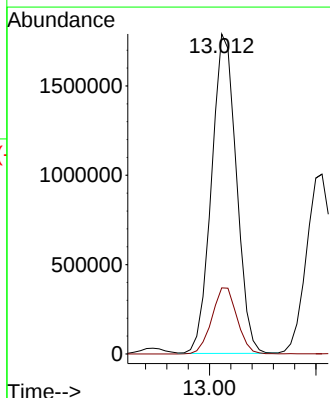
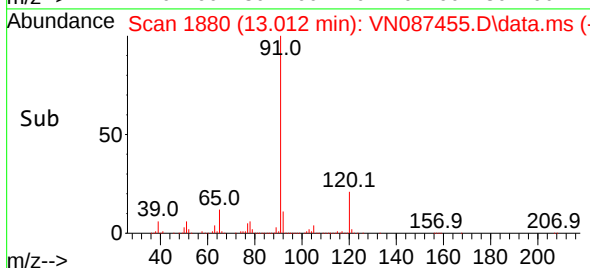
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

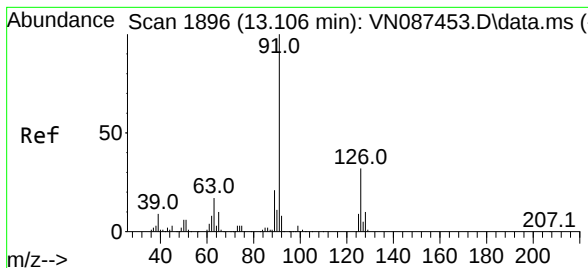


#74
n-propylbenzene
Concen: 102.142 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



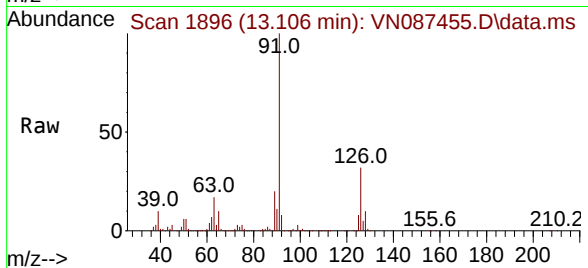
Tgt Ion: 91 Resp: 2895579
Ion Ratio Lower Upper
91 100
120 21.0 0.0 41.8





#75
2-Chlorotoluene
Concen: 100.765 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

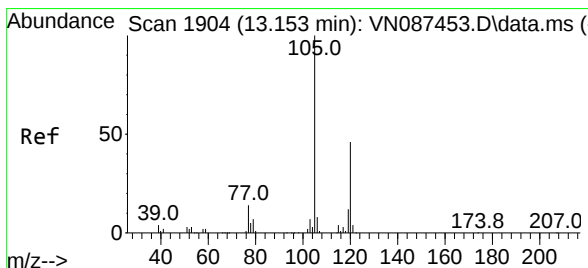
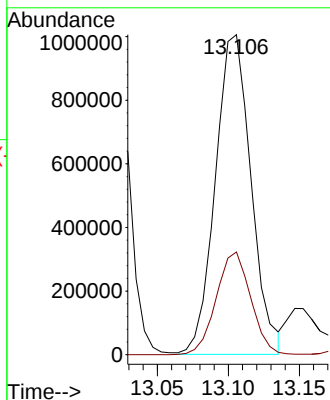
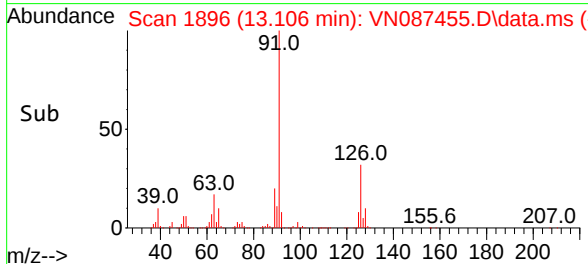
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



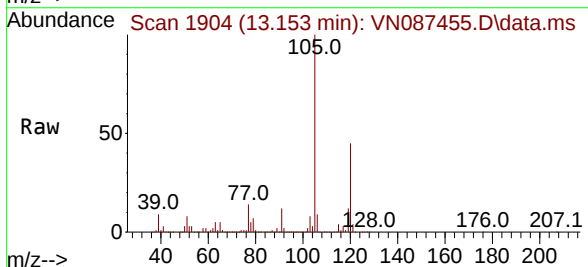
Tgt Ion: 91 Resp: 1757134
Ion Ratio Lower Upper
91 100
126 31.1 0.0 60.4

Manual Integrations
APPROVED

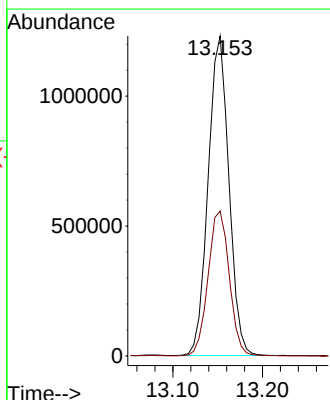
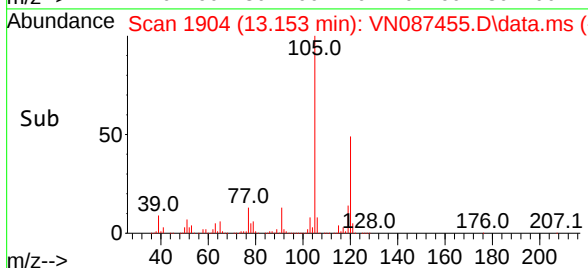
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

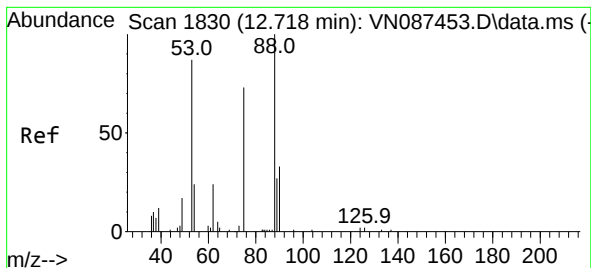


#76
1,3,5-Trimethylbenzene
Concen: 101.515 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



Tgt Ion:105 Resp: 1972967
Ion Ratio Lower Upper
105 100
120 46.6 0.0 91.2





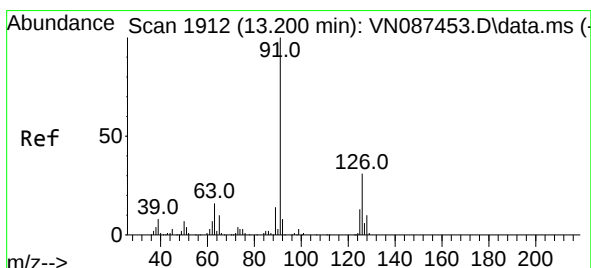
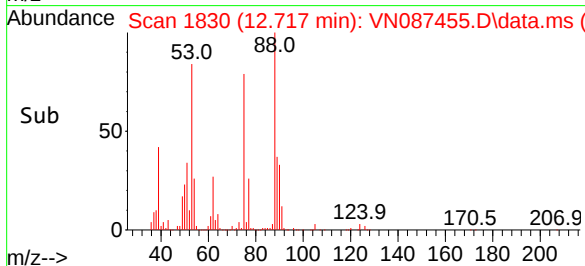
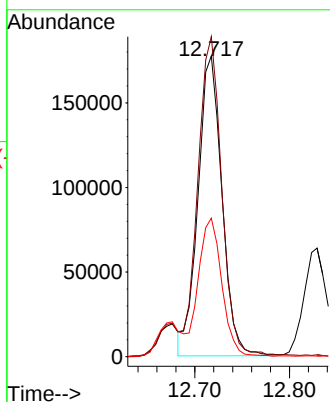
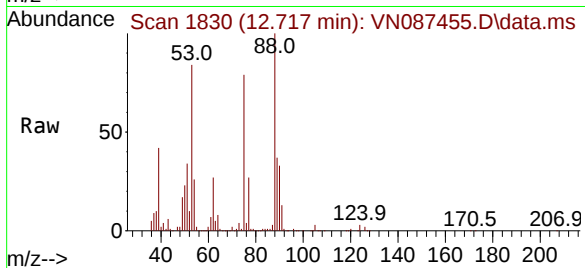
#77
t-1,4-Dichloro-2-butene
Concen: 113.952 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 31254
Ion Ratio Lower Upper
75 100
53 106.4 59.0 176.8
89 46.1 22.1 66.5

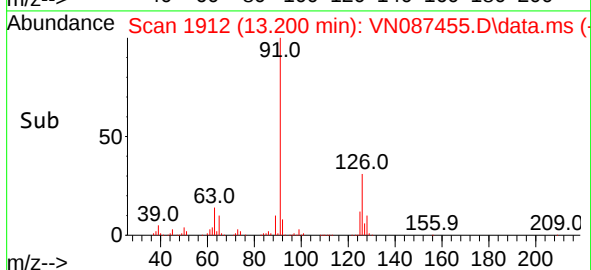
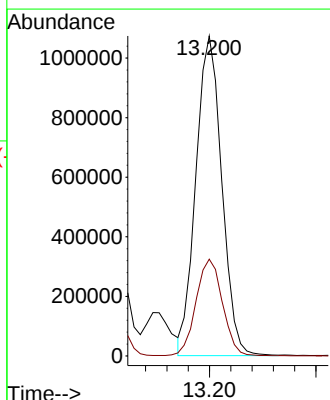
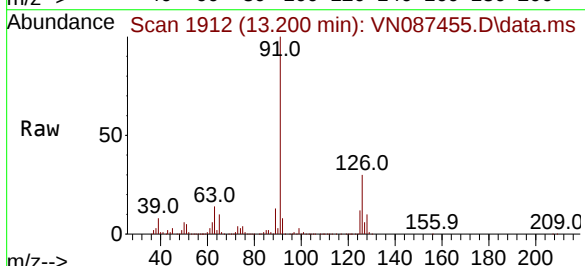
Manual Integrations
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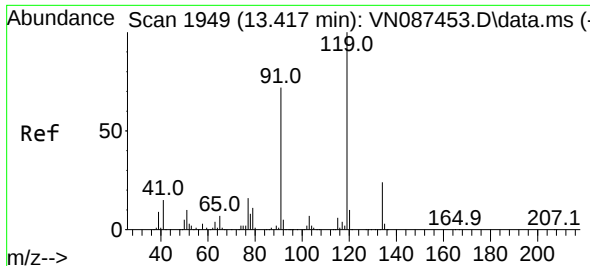
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#78
4-Chlorotoluene
Concen: 102.633 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

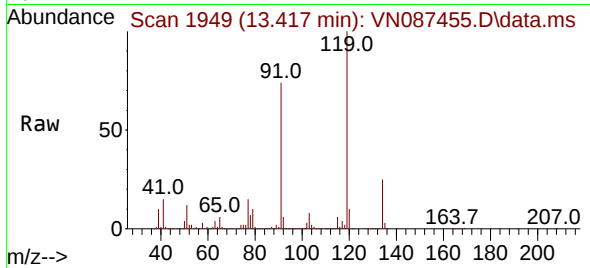
Tgt Ion: 91 Resp: 1813669
Ion Ratio Lower Upper
91 100
126 30.7 0.0 63.2





#79
tert-butylbenzene
Concen: 102.082 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

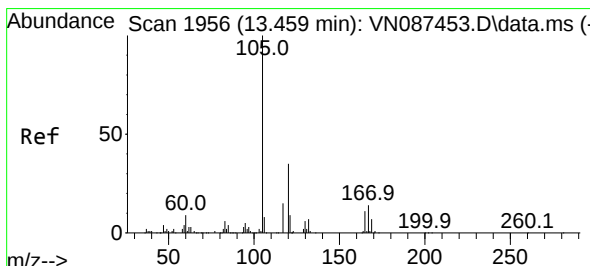
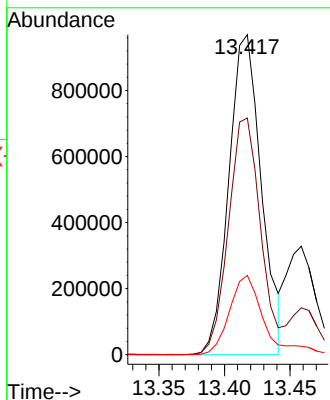
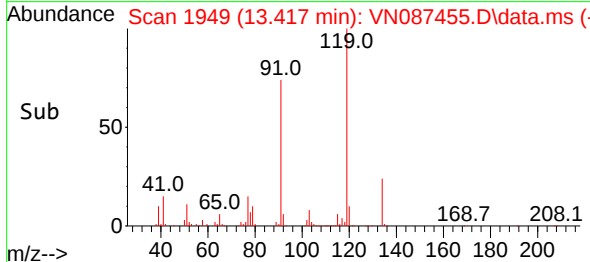
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



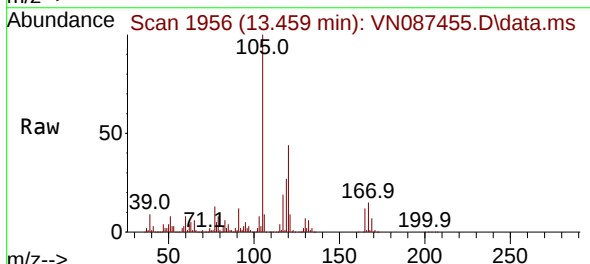
Tgt Ion:119 Resp: 1672735
Ion Ratio Lower Upper
119 100
91 72.5 0.0 141.6
134 24.2 0.0 45.6

Manual Integrations
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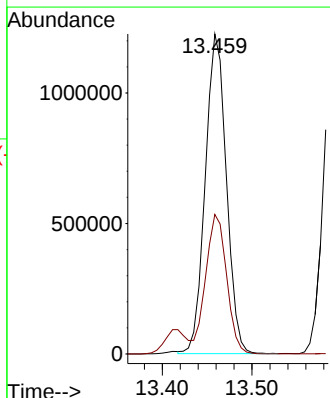
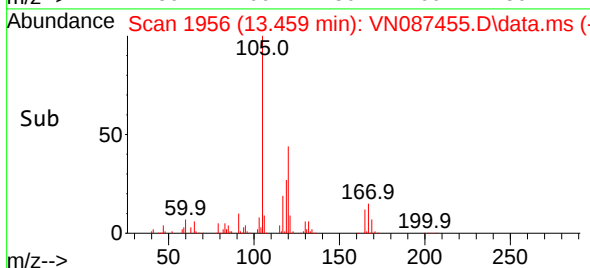
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

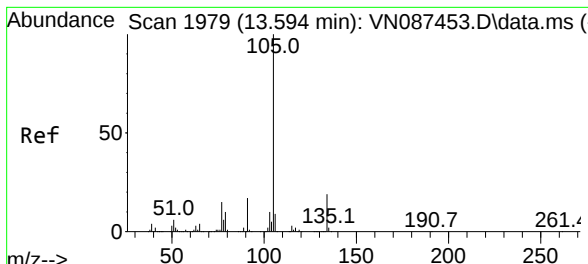


#80
1,2,4-Trimethylbenzene
Concen: 102.898 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40



Tgt Ion:105 Resp: 1998320
Ion Ratio Lower Upper
105 100
120 43.8 0.0 87.2





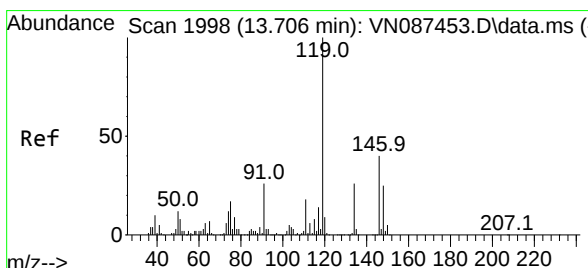
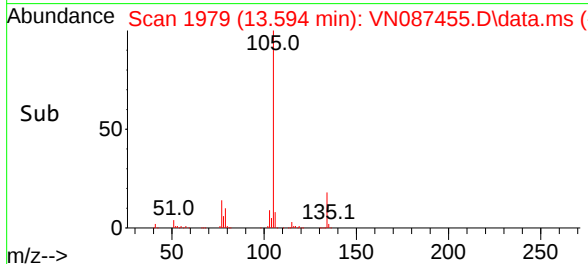
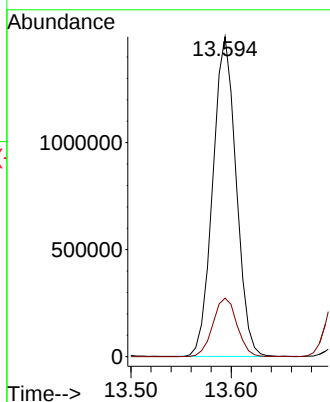
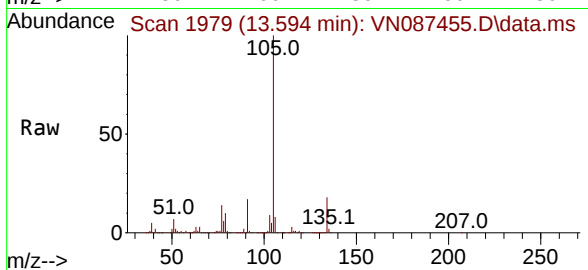
#81
 sec-Butylbenzene
 Concen: 101.283 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 2416128
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 37.6

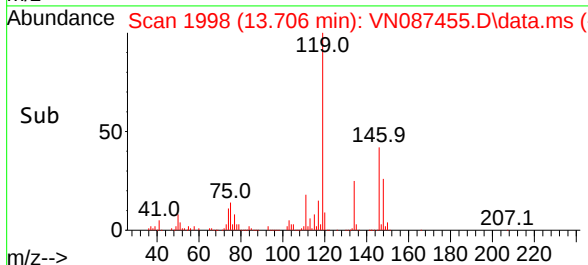
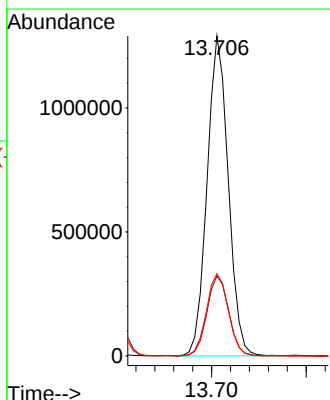
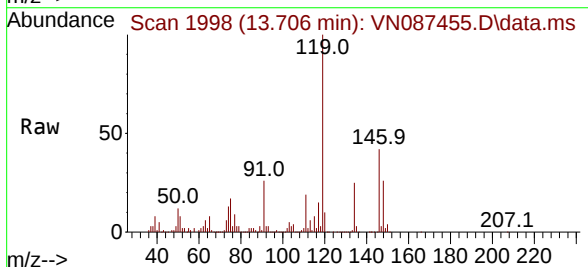
Manual Integrations
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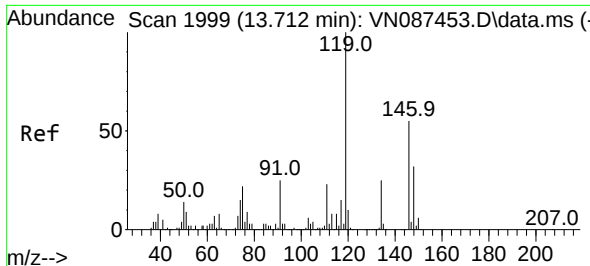
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#82
 p-Isopropyltoluene
 Concen: 101.064 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

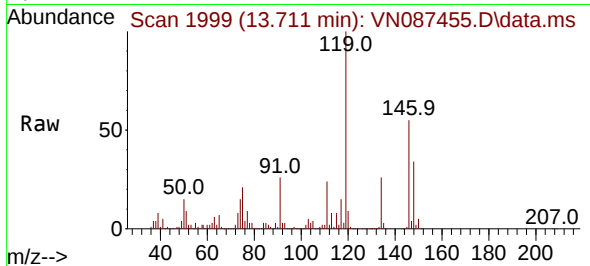
Tgt Ion:119 Resp: 2001765
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.4
 91 26.5 0.0 52.0





#83
 1,3-Dichlorobenzene
 Concen: 101.387 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

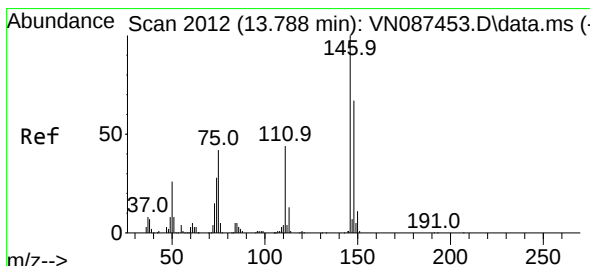
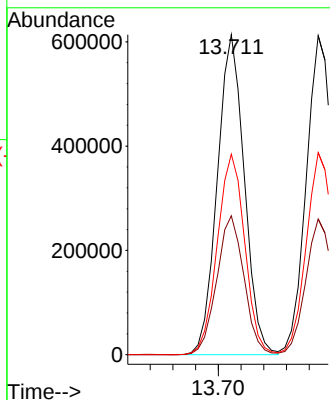
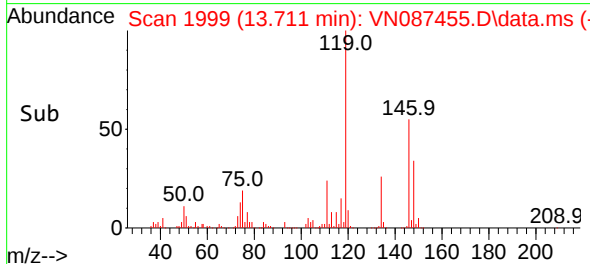
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



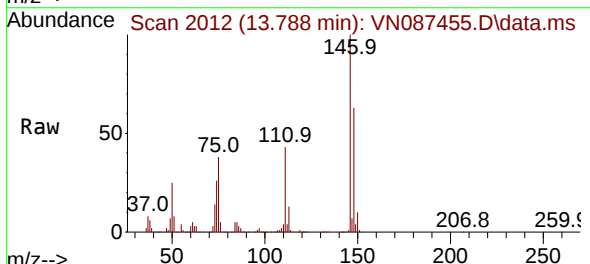
Tgt Ion:146 Resp: 1015919
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.5
 148 63.7 31.3 93.9

Manual Integrations
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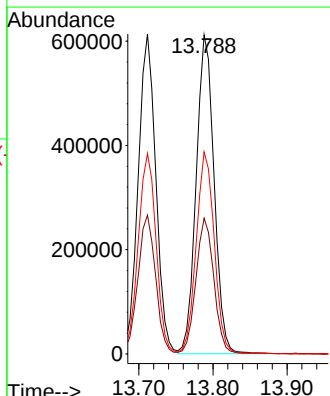
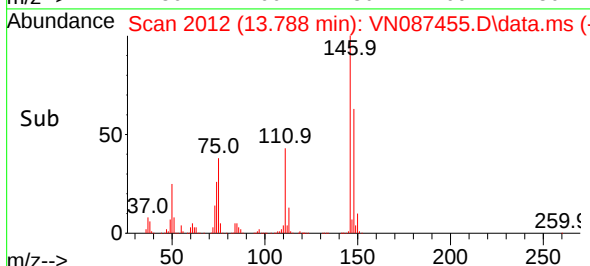
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

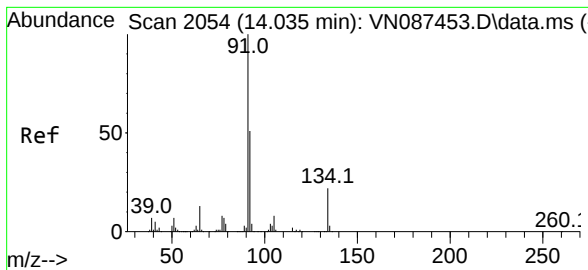


#84
 1,4-Dichlorobenzene
 Concen: 101.255 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40



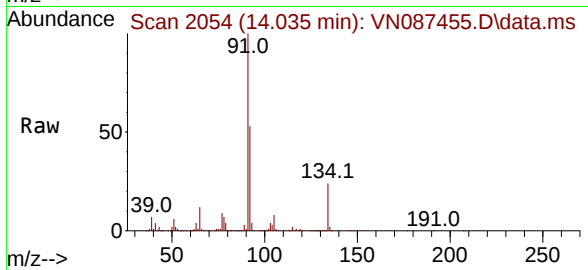
Tgt Ion:146 Resp: 1028636
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.1 63.1
 148 63.9 31.4 94.3





#85
n-Butylbenzene
Concen: 102.562 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

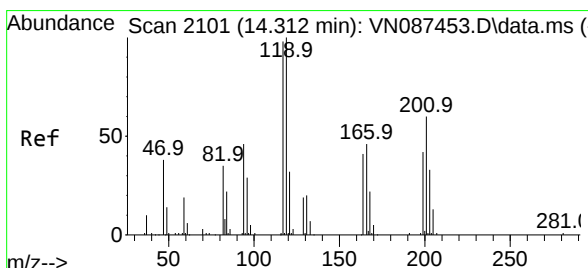
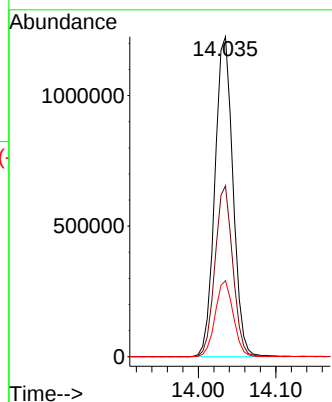
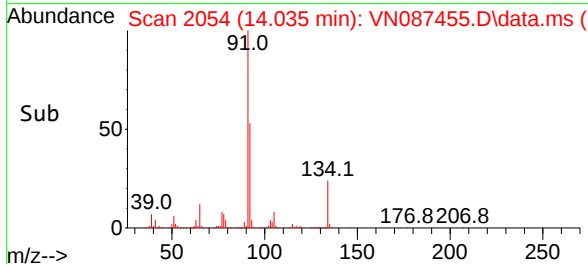
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 1987530
Ion Ratio Lower Upper
91 100
92 52.6 0.0 106.6
134 23.8 0.0 44.4

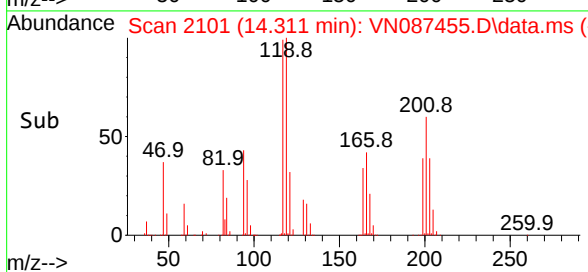
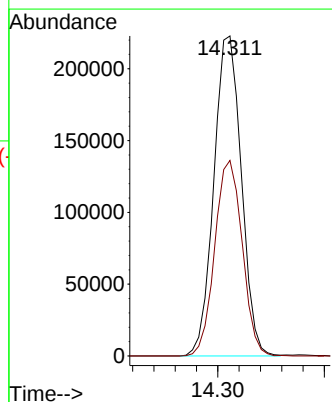
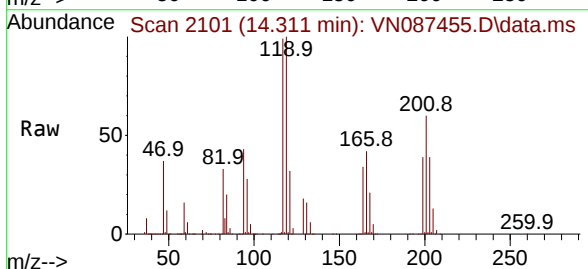
Manual Integrations
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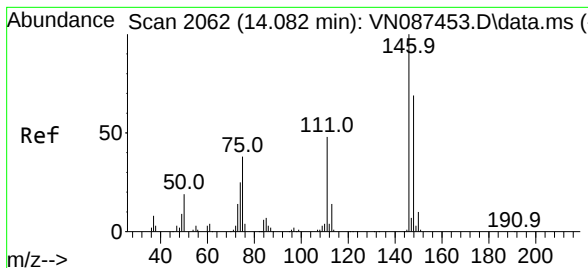
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#86
Hexachloroethane
Concen: 103.386 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Tgt Ion:117 Resp: 399888
Ion Ratio Lower Upper
117 100
201 60.9 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 102.064 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087455.D

Acq: 05 Aug 2025 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 976220

Ion Ratio Lower Upper

146 100

111 44.9 22.9 68.7

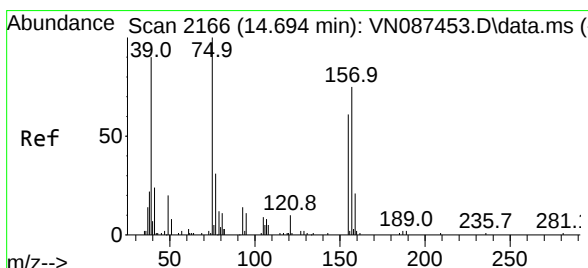
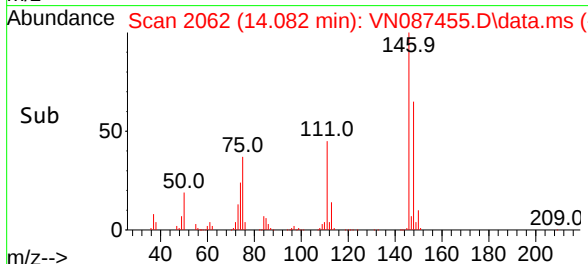
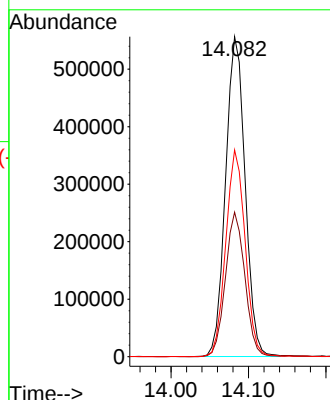
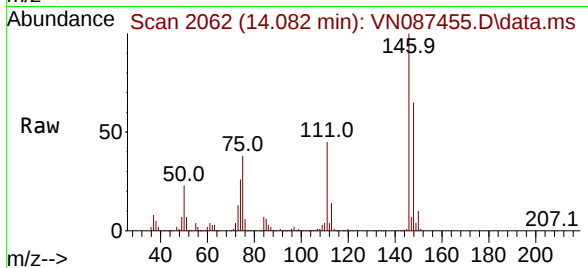
148 63.9 31.6 94.7

Manual Integrations

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Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 101.112 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN087455.D

Acq: 05 Aug 2025 14:40

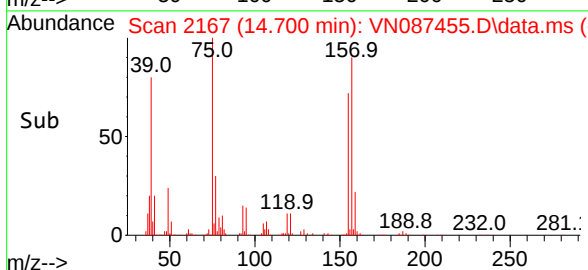
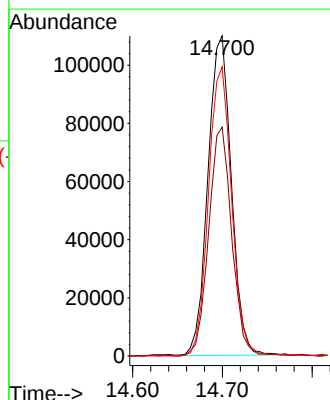
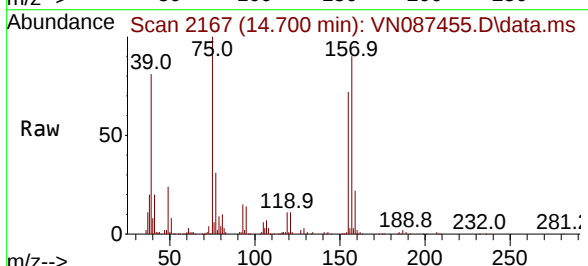
Tgt Ion: 75 Resp: 199216

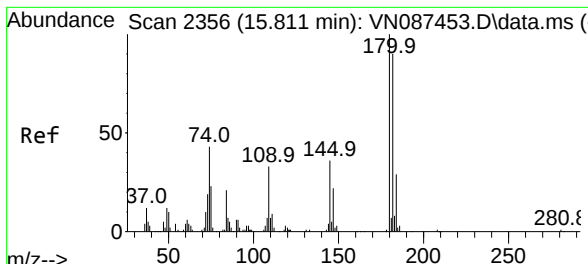
Ion Ratio Lower Upper

75 100

155 70.5 55.7 83.5

157 89.9 65.8 98.6





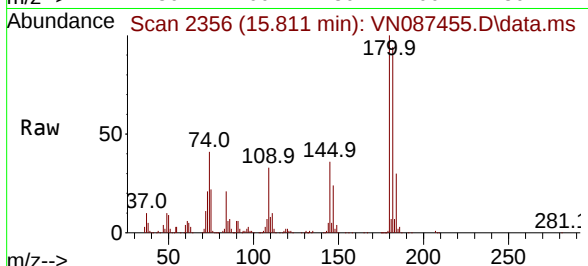
#89
 1,2,4-Trichlorobenzene
 Concen: 101.981 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



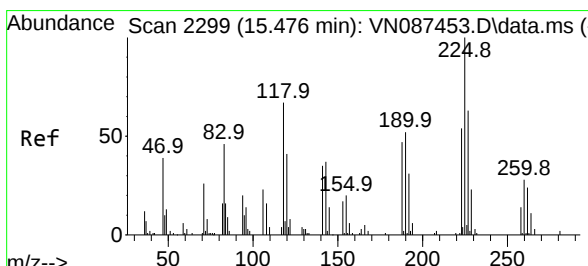
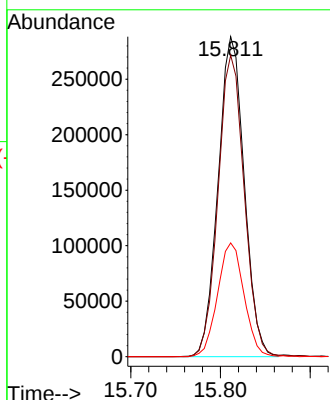
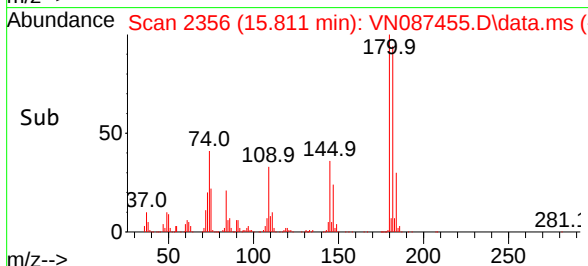
Tgt Ion:180 Resp: 582952
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.0 112.4
 145 35.9 28.6 43.0

Manual Integrations

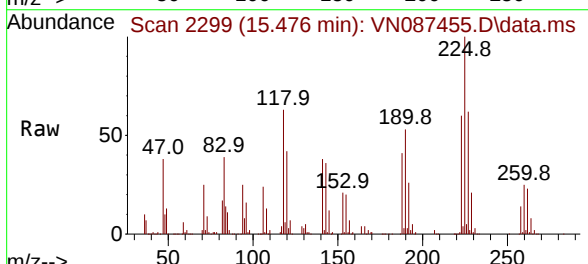
APPROVED

Reviewed By :John Carlone 08/06/2025

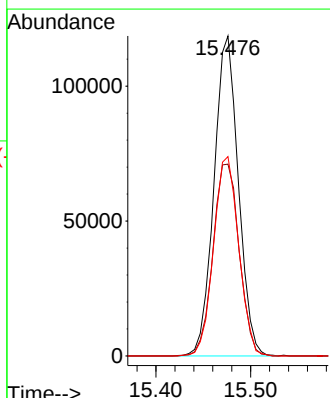
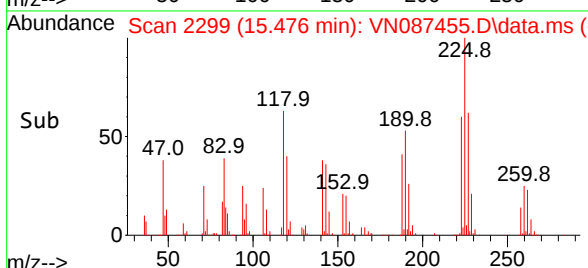
Supervised By :Mahesh Dadoda 08/06/2025

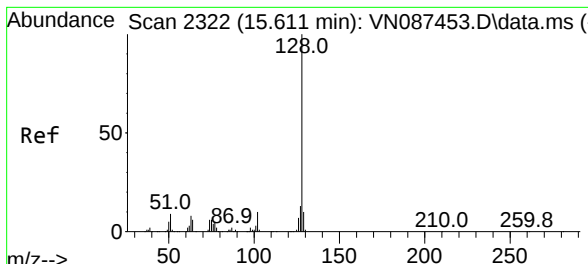


#90
 Hexachlorobutadiene
 Concen: 95.460 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: VN087455.D
 Acq: 05 Aug 2025 14:40



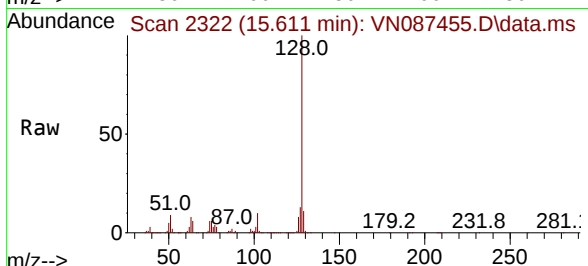
Tgt Ion:225 Resp: 212184
 Ion Ratio Lower Upper
 225 100
 223 64.5 0.0 116.0
 227 64.1 0.0 127.0





#91
Naphthalene
Concen: 103.669 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

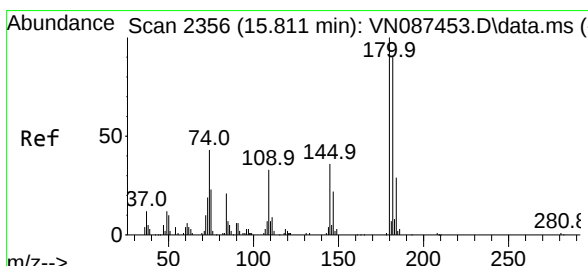
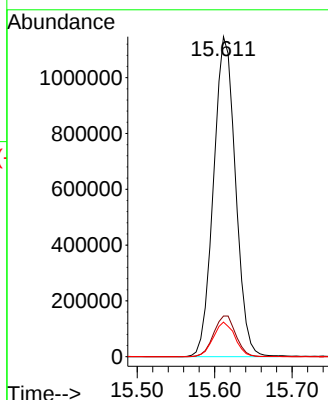
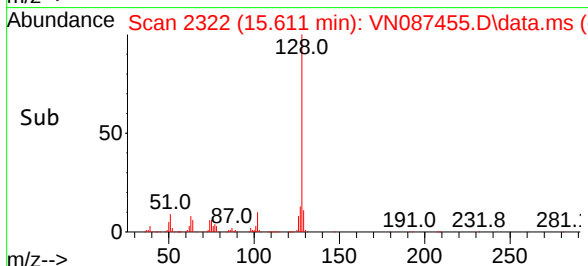
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 225955
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#92
1,2,3-Trichlorobenzene
Concen: 101.981 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087455.D
Acq: 05 Aug 2025 14:40

Tgt Ion:180 Resp: 582952
Ion Ratio Lower Upper
180 100
182 94.3 0.0 187.4
145 35.9 0.0 71.6

