

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088032.D
 Acq On : 08 Oct 2025 10:30
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Oct 09 02:02:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 01:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.800	128	71521	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	407063	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	363868	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	168820	30.313	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.033%			
60) 4-Bromofluorobenzene	12.829	95	179340	29.897	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.667%			
63) Toluene-d8	10.547	98	485008	29.917	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.733%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	203904	49.775	ug/l	95
3) Chloromethane	2.383	50	223881	48.205	ug/l	98
4) Vinyl Chloride	2.536	62	234864	48.499	ug/l	99
5) Bromomethane	2.971	94	127206	48.849	ug/l	96
6) Chloroethane	3.136	64	152751	47.817	ug/l	97
7) Trichlorofluoromethane	3.512	101	321596	48.835	ug/l	97
8) Diethyl Ether	3.965	74	142839	48.005	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	173195	49.131	ug/l	97
10) 1,1-Dichloroethene	4.336	96	182248	48.464	ug/l	98
11) Methyl Iodide	4.577	142	183665	52.992	ug/l	97
12) Methyl Acetate	5.018	43	291092	48.943	ug/l	91
13) Acrolein	4.177	56	214422	226.650	ug/l #	6
14) Acrylonitrile	5.706	53	717034	243.043	ug/l	99
15) Acetone	4.424	58	206350	238.097	ug/l	90
16) Carbon Disulfide	4.700	76	571725	48.499	ug/l	97
17) Allyl chloride	5.012	41	335231	47.243	ug/l	98
18) Methylene Chloride	5.259	84	231926	48.524	ug/l	96
19) trans-1,2-Dichloroethene	5.771	96	206627	47.525	ug/l	90
20) Diisopropyl ether	6.659	45	784464	48.559	ug/l	98
21) 1,1-Dichloroethane	6.553	63	402552	47.866	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	262837	48.293	ug/l	99
23) tert-Butyl Alcohol	5.530	59	286613	242.230	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	787846	48.537	ug/l	98
25) Chloroform	7.947	83	416216	47.959	ug/l	100
26) Cyclohexane	8.241	56	336848	48.343	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	280084	48.002	ug/l	99
30) 2-Butanone	7.471	43	1034181	240.318	ug/l	99
31) 2,2-Dichloropropane	7.471	77	357946	47.547	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	348014	47.733	ug/l	99
33) Carbon Tetrachloride	8.341	117	295178	48.335	ug/l	97
34) Benzene	8.588	78	926605	47.877	ug/l	99
35) Methacrylonitrile	7.765	41	221496	48.945	ug/l	94
36) 1,2-Dichloroethane	8.653	62	320898	47.761	ug/l	99
37) Trichloroethene	9.329	130	218229	47.593	ug/l	100
38) Methylcyclohexane	9.582	83	347822	48.271	ug/l	99
39) 1,2-Dichloropropane	9.600	63	228797	47.147	ug/l	94
40) Dibromomethane	9.688	93	170079	48.148	ug/l	98
41) Bromodichloromethane	9.871	83	340823	47.241	ug/l	99
42) Vinyl Acetate	6.588	43	3449178	235.274	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088032.D
 Acq On : 08 Oct 2025 10:30
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

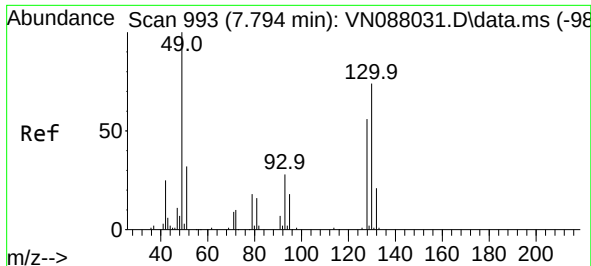
Manual Integrations
 APPROVED

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

Quant Time: Oct 09 02:02:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 01:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	386755	46.753	ug/l	95
44) Isopropyl Acetate	8.671	43	658172	48.713	ug/l	98
45) 1,4-Dioxane	9.682	88	88246	982.026	ug/l	98
46) Methyl methacrylate	9.665	41	292033	49.080	ug/l	96
47) n-amyl Acetate	12.506	43	301319m	50.755	ug/l	
48) t-1,3-Dichloropropene	10.818	75	387494	48.302	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	399785	47.774	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	224582	48.009	ug/l	95
51) Ethyl methacrylate	10.853	69	395806	49.995	ug/l	99
52) 1,3-Dichloropropane	11.141	76	390914	47.897	ug/l	99
53) Dibromochloromethane	11.335	129	269681	48.222	ug/l	100
54) 1,2-Dibromoethane	11.447	107	238540	47.697	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	1061685	248.447	ug/l	100
56) Bromoform	12.559	173	185069	48.948	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	1992861	244.858	ug/l	99
59) 2-Hexanone	11.176	43	1382348	257.249	ug/l	99
61) Tetrachloroethene	11.082	164	177933	48.289	ug/l	95
62) Toluene	10.612	91	997746	48.341	ug/l	99
64) Chlorobenzene	11.871	112	642529	48.738	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	223784	49.257	ug/l	97
66) Ethyl Benzene	11.941	91	1091616	48.639	ug/l	97
67) m/p-Xylenes	12.047	106	840749	97.174	ug/l	99
68) o-Xylene	12.376	106	415634	48.257	ug/l	96
69) Styrene	12.388	104	714533	50.151	ug/l	98
70) Isopropylbenzene	12.676	105	1034903	49.025	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	349263	48.801	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	331890m	47.774	ug/l	
73) Bromobenzene	12.959	156	255670	49.554	ug/l	98
74) n-propylbenzene	13.012	91	1253446	49.187	ug/l	100
75) 2-Chlorotoluene	13.100	91	759413	48.738	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	881209	49.143	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	129603	50.413	ug/l	93
78) 4-Chlorotoluene	13.200	91	785069	49.593	ug/l	98
79) tert-butylbenzene	13.412	119	769068	49.475	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	881036	49.081	ug/l	100
81) sec-Butylbenzene	13.594	105	1073333	49.110	ug/l	100
82) p-Isopropyltoluene	13.706	119	922870	49.458	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	483694	49.826	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	486086	48.552	ug/l	99
85) n-Butylbenzene	14.035	91	861074	49.601	ug/l	99
86) Hexachloroethane	14.312	117	184332	49.313	ug/l	96
87) 1,2-Dichlorobenzene	14.082	146	464249	48.621	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	80611	49.043	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	275876	48.506	ug/l	98
90) Hexachlorobutadiene	15.470	225	98031	49.524	ug/l	97
91) Naphthalene	15.611	128	1015294	48.760	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	275876	48.506	ug/l	98

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



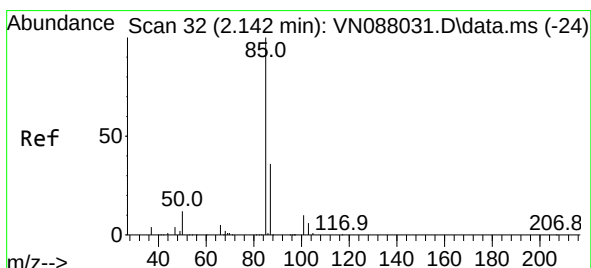
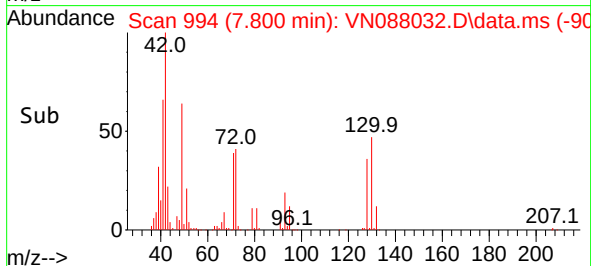
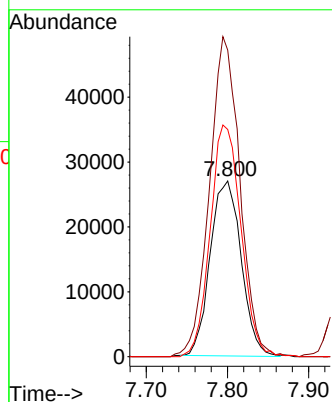
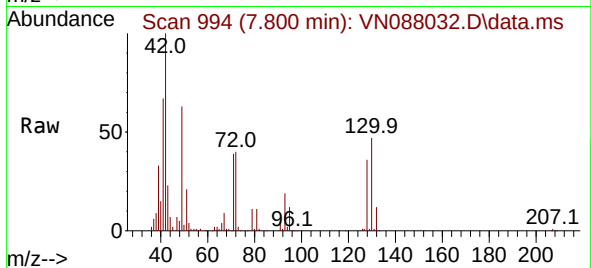
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 7152
Ion Ratio Lower Upper
128 100
49 179.6 0.0 439.8
130 131.6 0.0 325.8

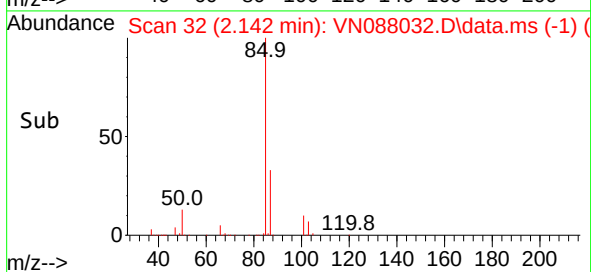
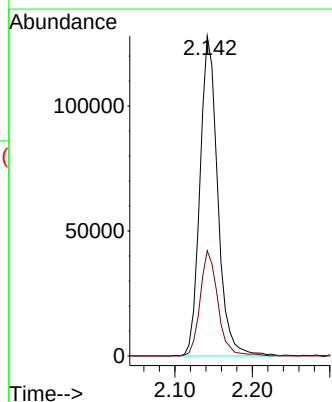
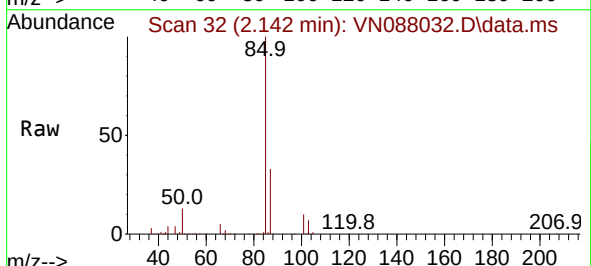
Manual Integrations
APPROVED

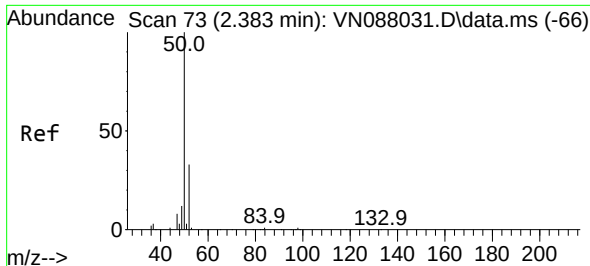
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 49.775 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

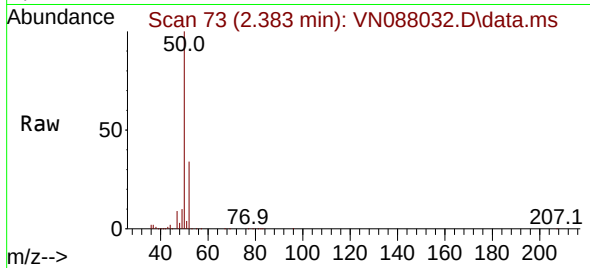
Tgt Ion: 85 Resp: 203904
Ion Ratio Lower Upper
85 100
87 32.9 17.9 53.8





#3
Chloromethane
Concen: 48.205 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

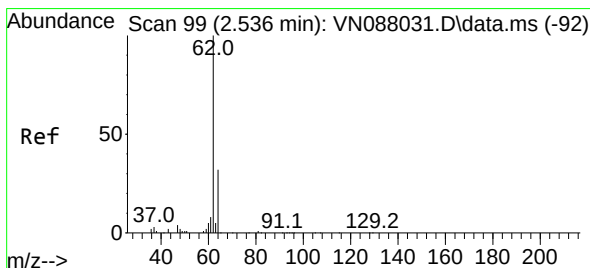
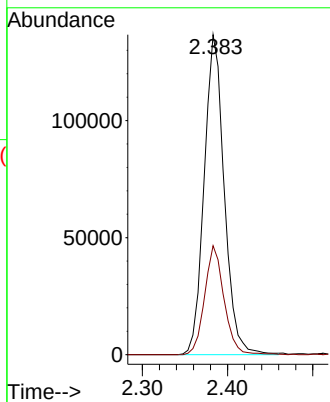
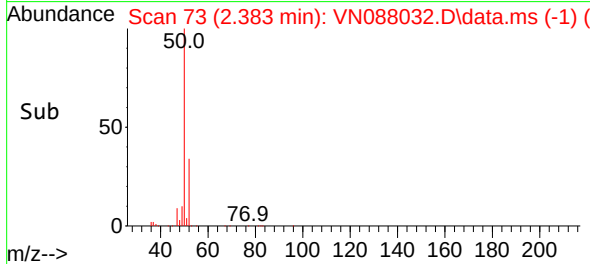
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



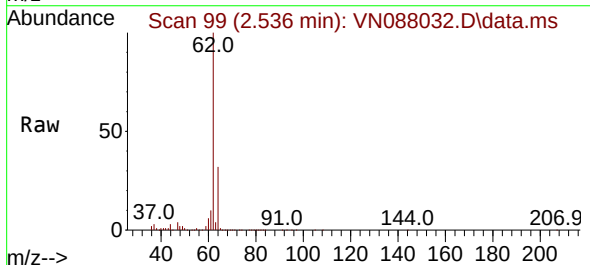
Tgt Ion: 50 Resp: 22388
Ion Ratio Lower Upper
50 100
52 34.1 26.3 39.5

Manual Integrations
APPROVED

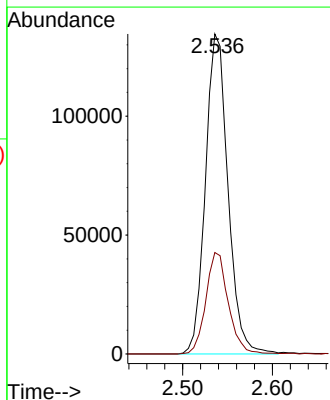
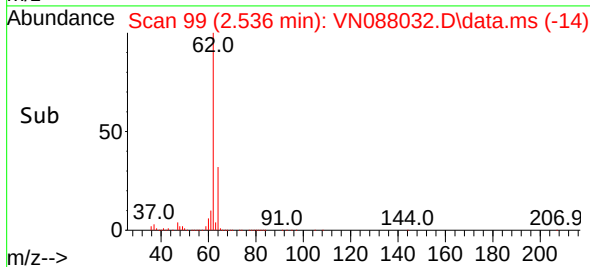
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

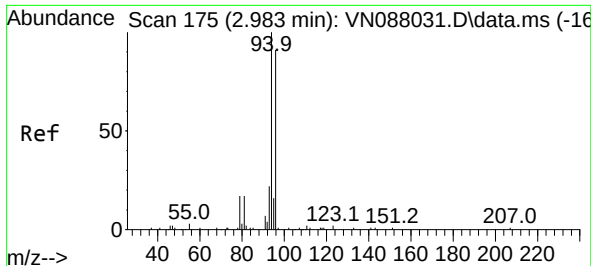


#4
Vinyl Chloride
Concen: 48.499 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



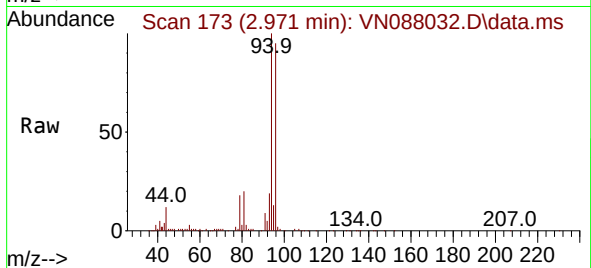
Tgt Ion: 62 Resp: 234864
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5
Bromomethane
Concen: 48.849 ug/l
RT: 2.971 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

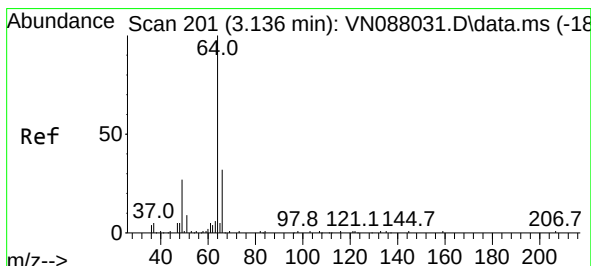
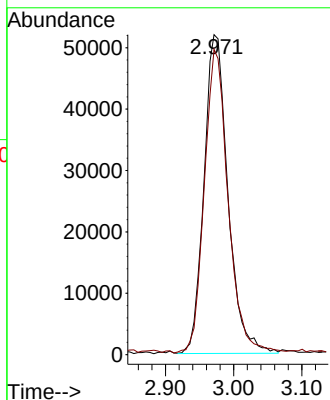
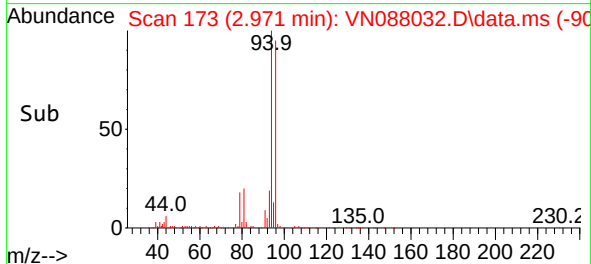
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



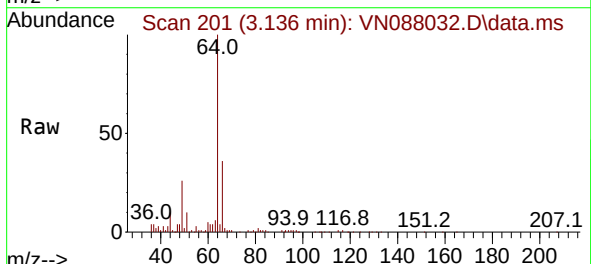
Tgt Ion: 94 Resp: 127200
Ion Ratio Lower Upper
94 100
96 95.0 73.0 109.4

Manual Integrations
APPROVED

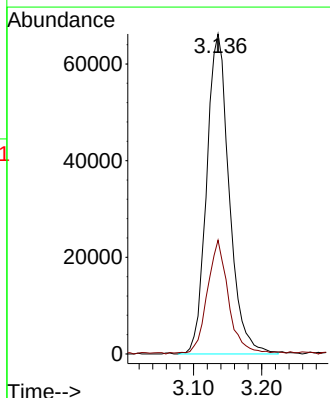
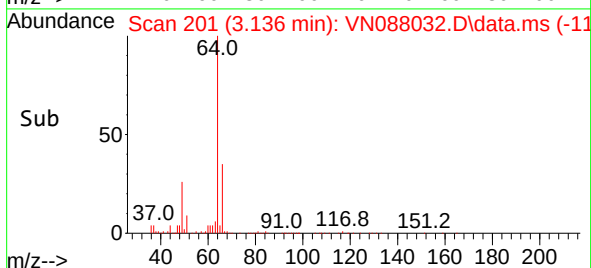
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

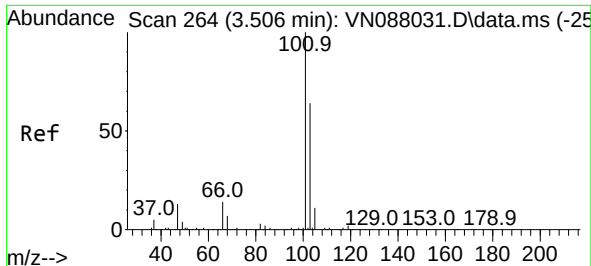


#6
Chloroethane
Concen: 47.817 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



Tgt Ion: 64 Resp: 152751
Ion Ratio Lower Upper
64 100
66 35.1 26.8 40.2





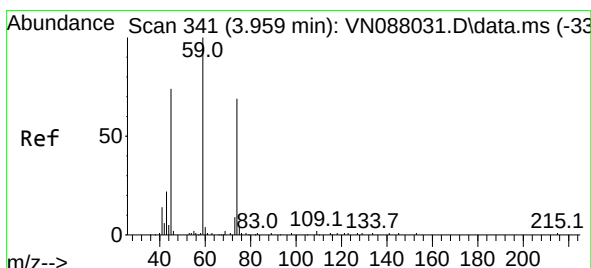
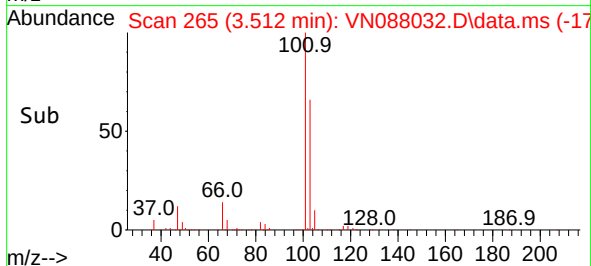
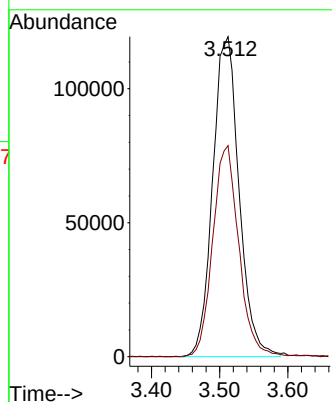
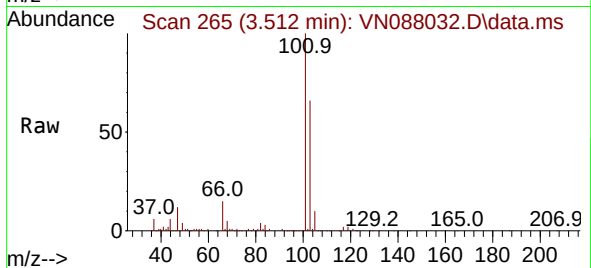
#7
Trichlorofluoromethane
Concen: 48.835 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 321590
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.4

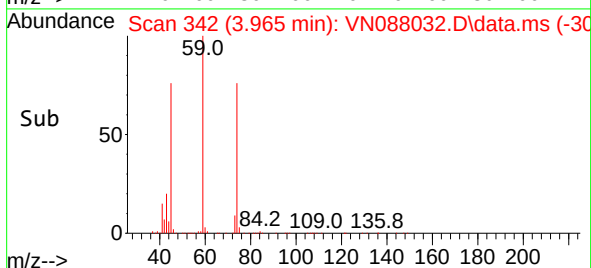
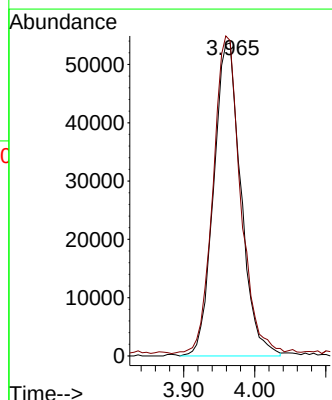
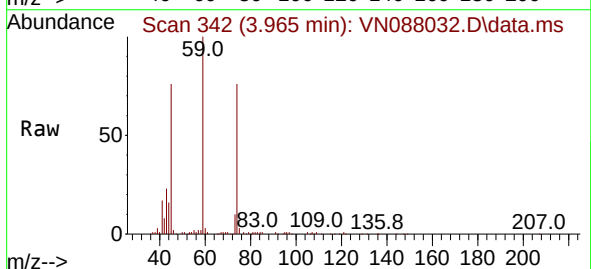
Manual Integrations
APPROVED

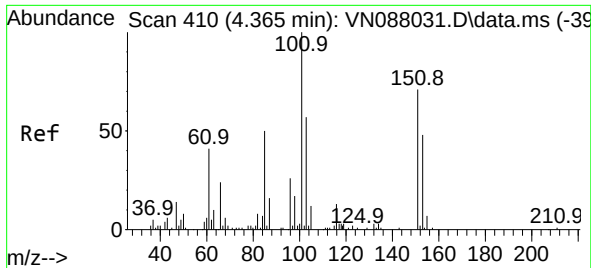
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#8
Diethyl Ether
Concen: 48.005 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Tgt Ion: 74 Resp: 142839
Ion Ratio Lower Upper
74 100
45 102.1 20.4 183.8





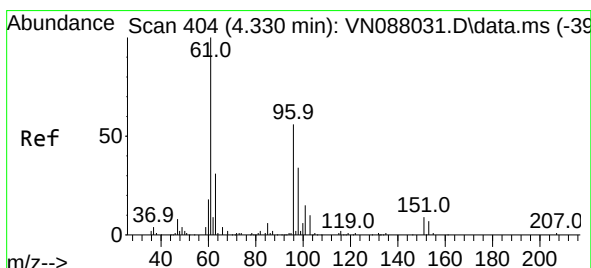
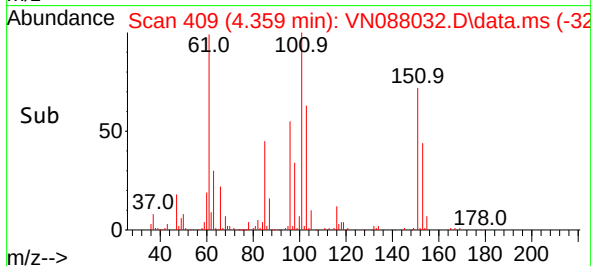
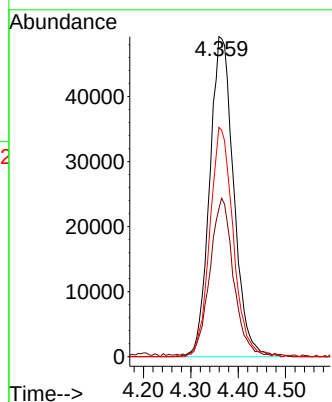
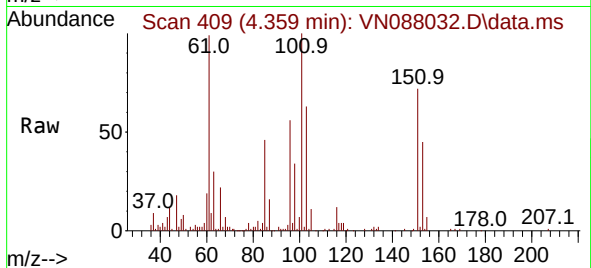
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.131 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 17319
Ion Ratio Lower Upper
101 100
85 48.3 0.0 103.2
151 69.1 0.0 141.4

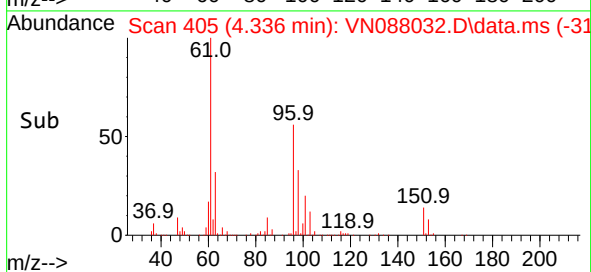
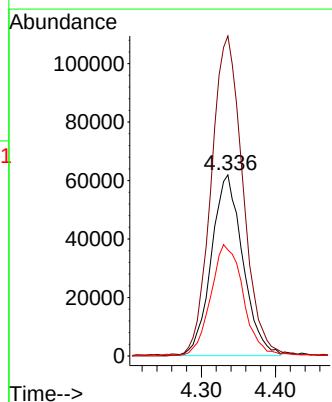
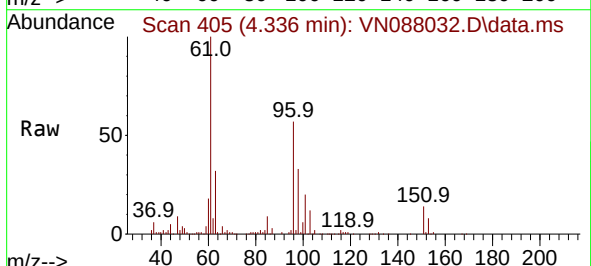
Manual Integrations
APPROVED

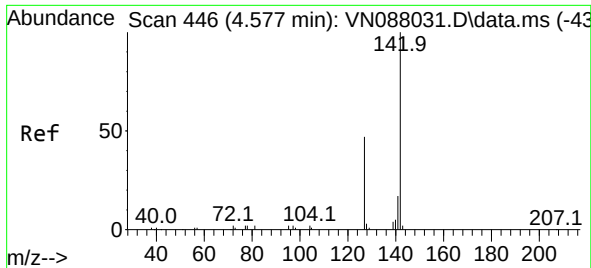
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#10
1,1-Dichloroethene
Concen: 48.464 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

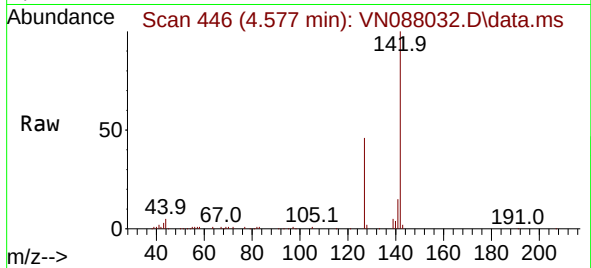
Tgt Ion: 96 Resp: 182248
Ion Ratio Lower Upper
96 100
61 177.7 144.1 216.1
98 58.6 49.0 73.6





#11
Methyl Iodide
Concen: 52.992 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

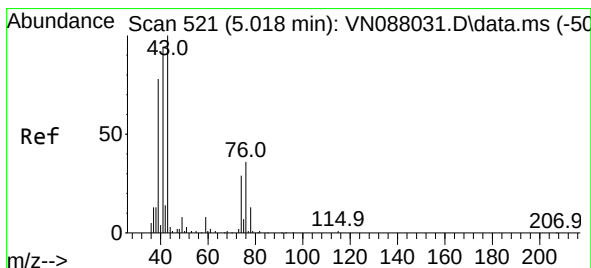
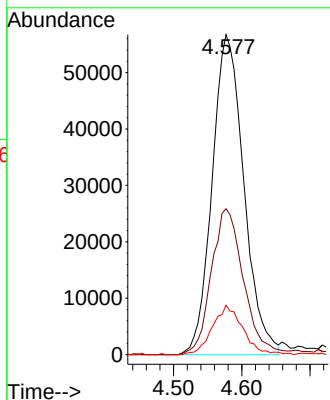
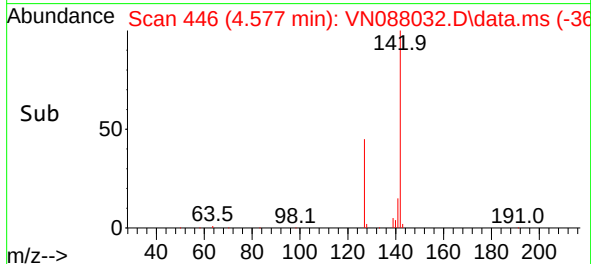
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 18366
Ion Ratio Lower Upper
142 100
127 45.5 23.4 70.3
141 15.3 8.8 26.2

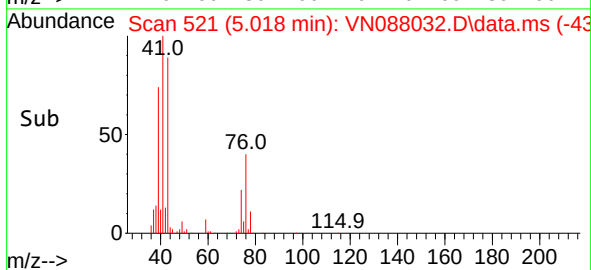
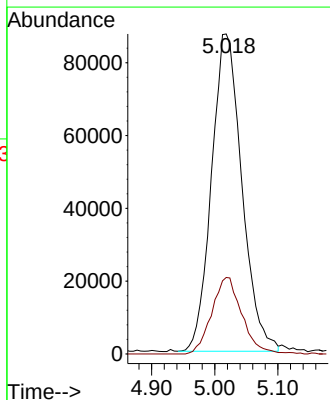
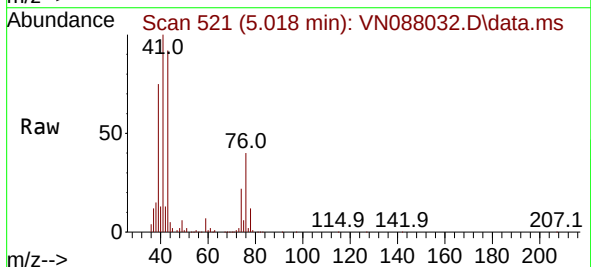
Manual Integrations
APPROVED

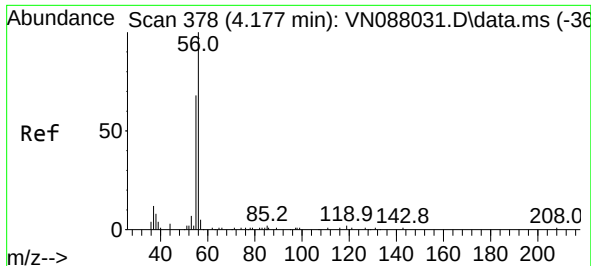
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
Methyl Acetate
Concen: 48.943 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

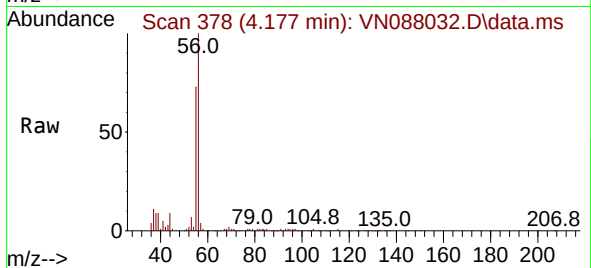
Tgt Ion: 43 Resp: 291092
Ion Ratio Lower Upper
43 100
74 24.1 23.3 34.9





#13
Acrolein
Concen: 226.650 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

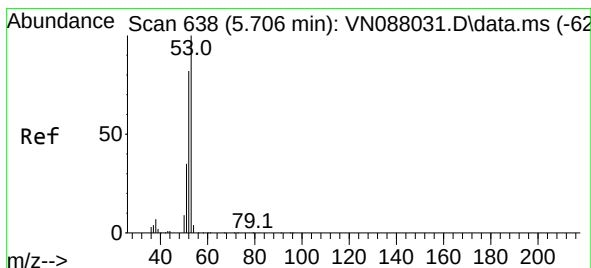
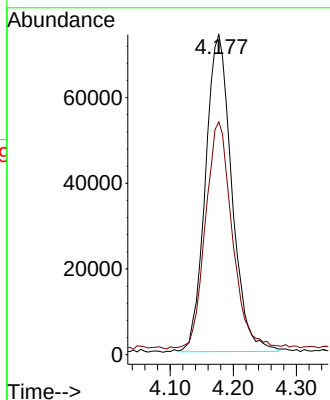
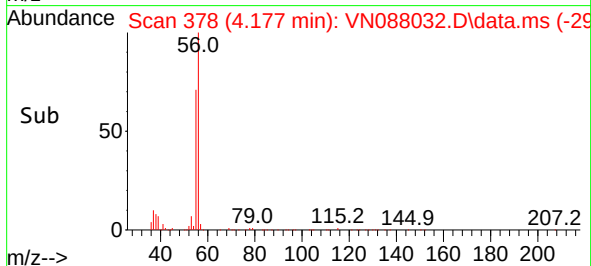
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 21442
Ion Ratio Lower Upper
56 100
55 71.5 0.3 0.5

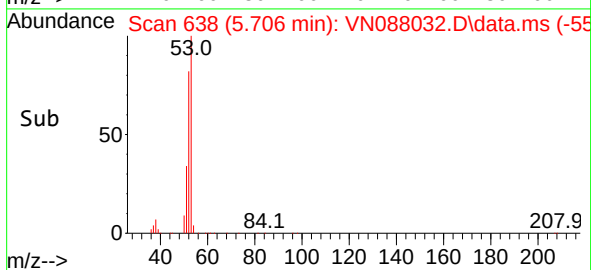
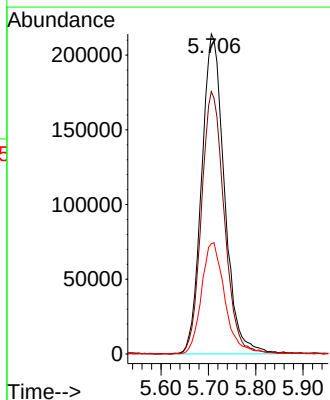
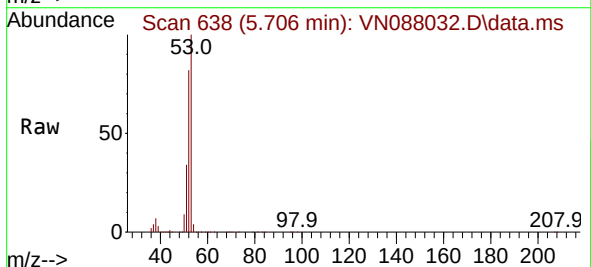
Manual Integrations
APPROVED

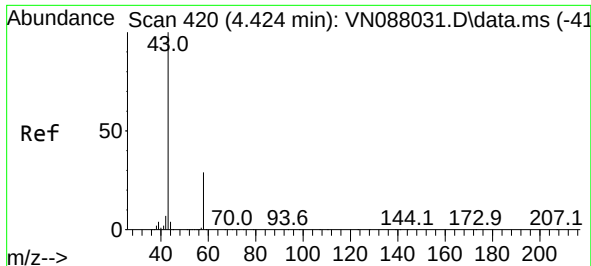
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#14
Acrylonitrile
Concen: 243.043 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

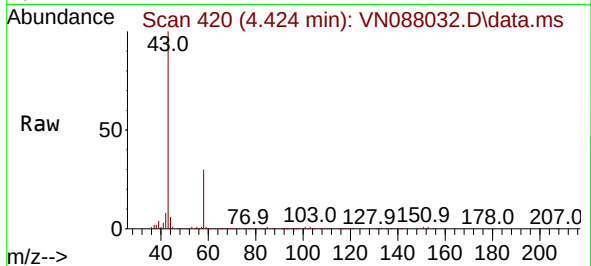
Tgt Ion: 53 Resp: 717034
Ion Ratio Lower Upper
53 100
52 82.0 41.3 124.1
51 35.4 18.0 54.0





#15
Acetone
Concen: 238.097 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

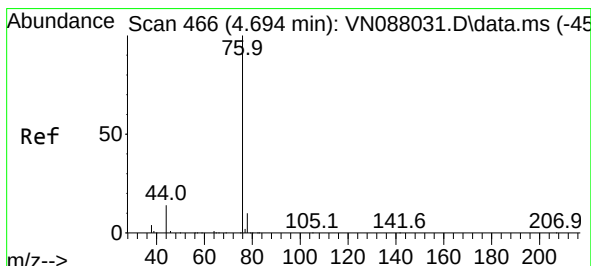
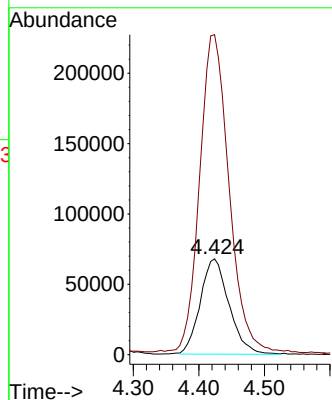
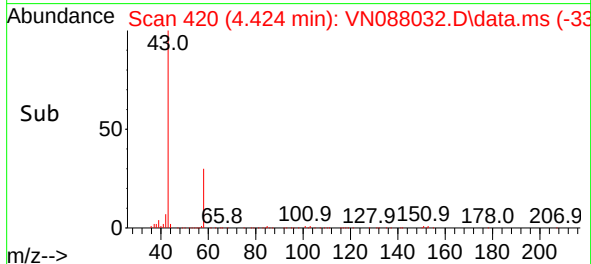
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



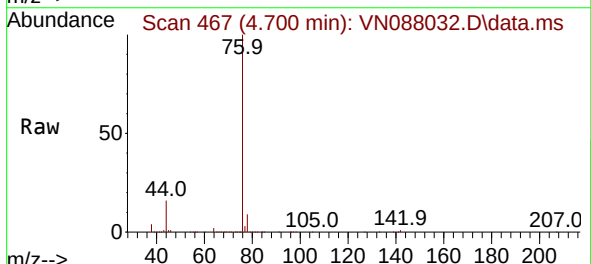
Tgt Ion: 58 Resp: 206350
Ion Ratio Lower Upper
58 100
43 332.1 282.6 424.0

Manual Integrations
APPROVED

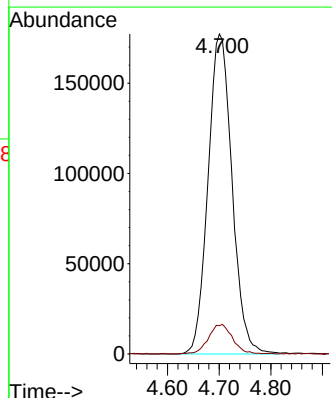
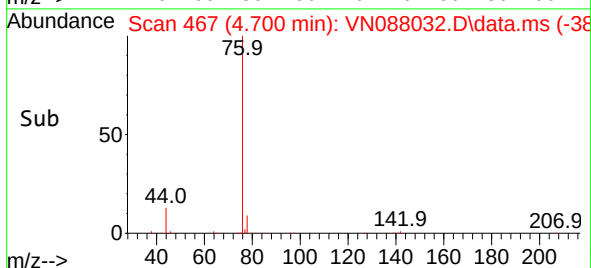
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

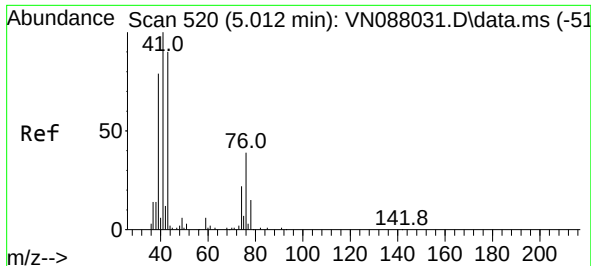


#16
Carbon Disulfide
Concen: 48.499 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



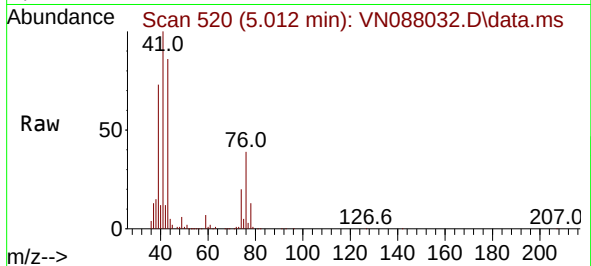
Tgt Ion: 76 Resp: 571725
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





#17
 Allyl chloride
 Concen: 47.243 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN088032.D
 Acq: 08 Oct 2025 10:30

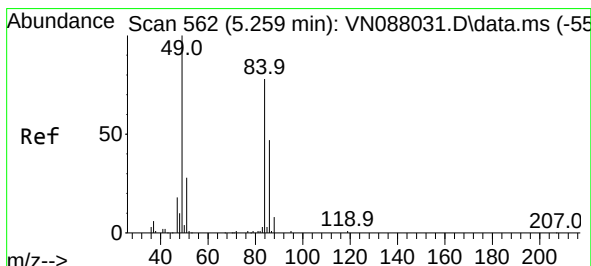
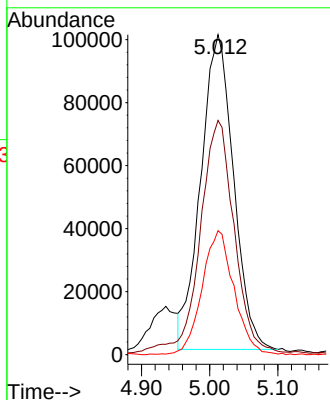
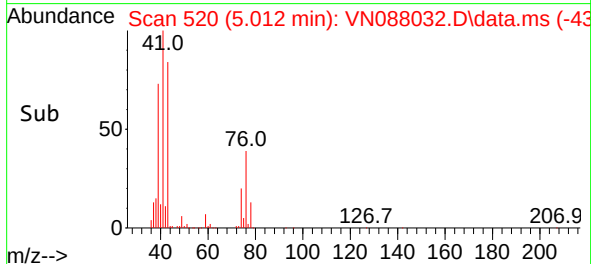
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



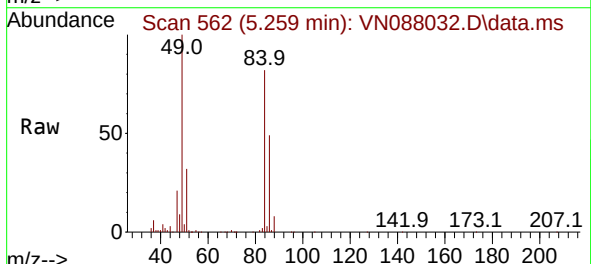
Tgt Ion:	41	Resp:	33523
Ion Ratio	100	Lower	Upper
41	100		
39	73.4	36.4	109.2
76	39.2	18.1	54.1

Manual Integrations
 APPROVED

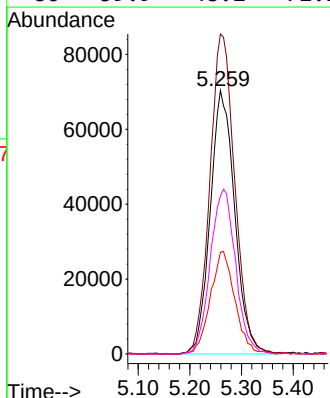
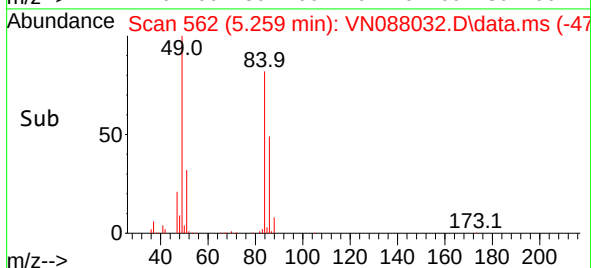
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

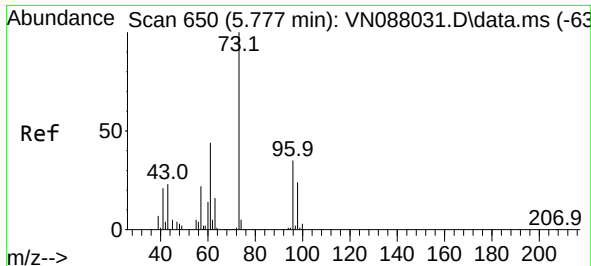


#18
 Methylene Chloride
 Concen: 48.524 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088032.D
 Acq: 08 Oct 2025 10:30



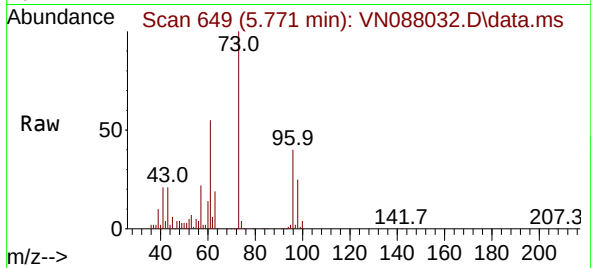
Tgt Ion:	84	Resp:	231926
Ion Ratio	100	Lower	Upper
84	100		
49	121.4	102.6	153.8
51	38.6	28.6	42.8
86	59.9	48.2	72.2





#19
trans-1,2-Dichloroethene
Concen: 47.525 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

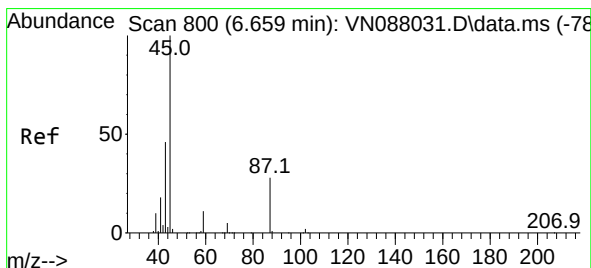
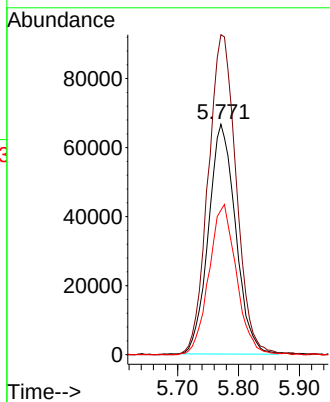
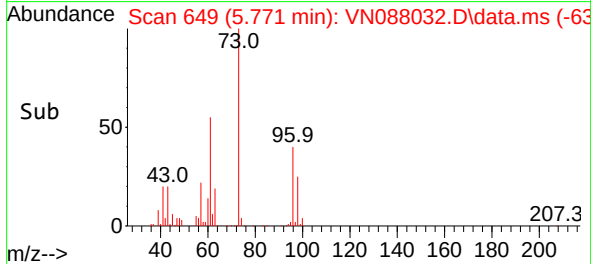
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 20662
Ion Ratio Lower Upper
96 100
61 139.1 100.6 151.0
98 62.9 54.0 81.0

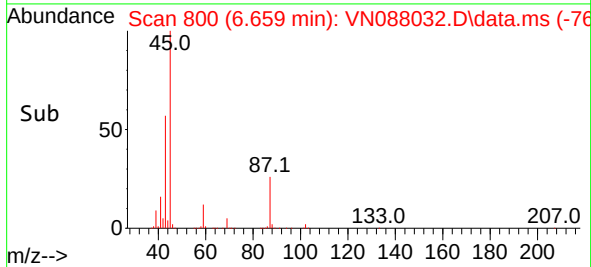
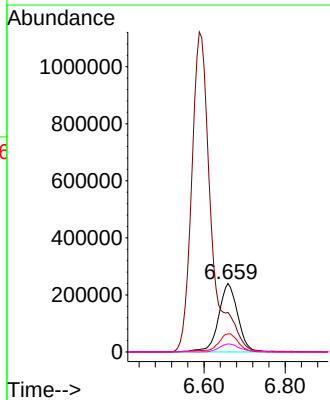
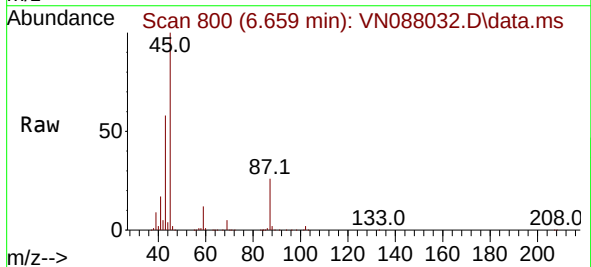
Manual Integrations
APPROVED

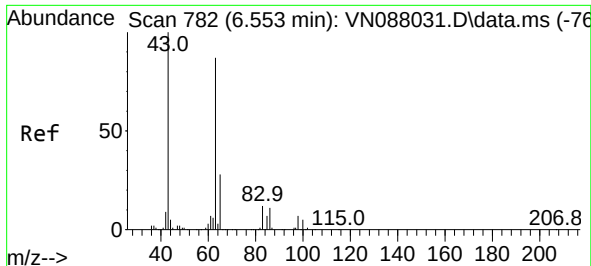
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Diisopropyl ether
Concen: 48.559 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Tgt Ion: 45 Resp: 784464
Ion Ratio Lower Upper
45 100
43 56.7 46.1 69.1
87 26.3 22.3 33.5
59 11.5 8.6 13.0





#21

1,1-Dichloroethane

Concen: 47.866 ug/l

RT: 6.553 min Scan# 782

Delta R.T. 0.000 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 402552

Ion Ratio Lower Upper

63 100

98 7.2 4.3 12.8

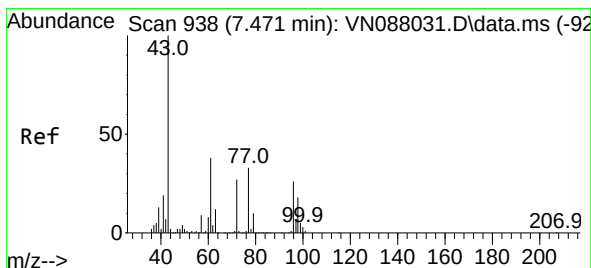
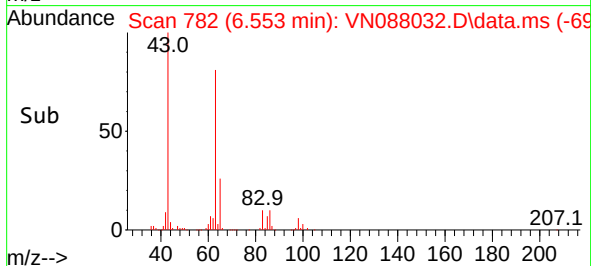
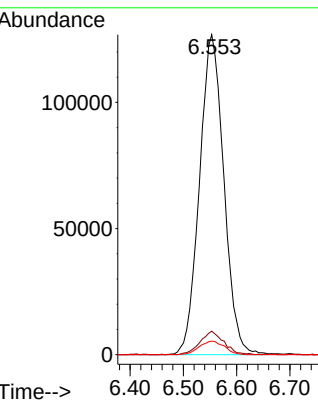
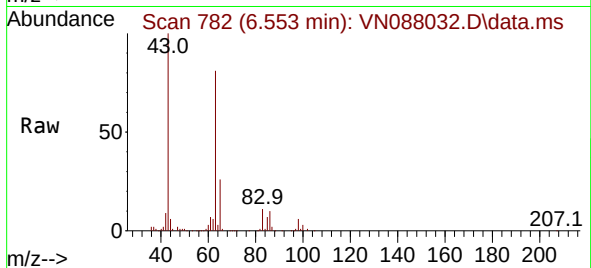
100 4.3 2.6 8.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#22

cis-1,2-Dichloroethene

Concen: 48.293 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

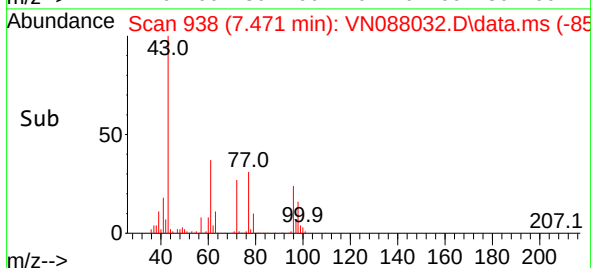
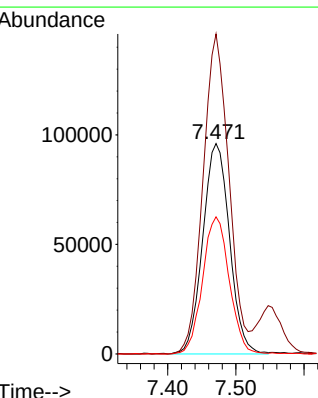
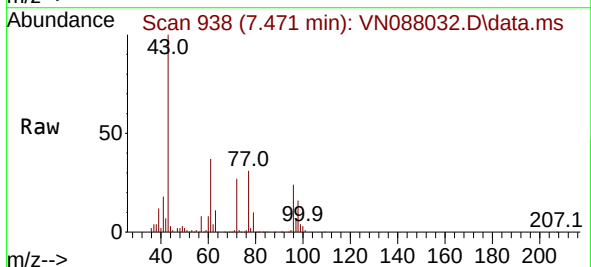
Tgt Ion: 96 Resp: 262837

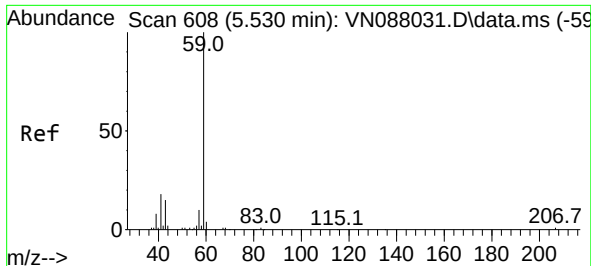
Ion Ratio Lower Upper

96 100

61 146.7 117.0 175.6

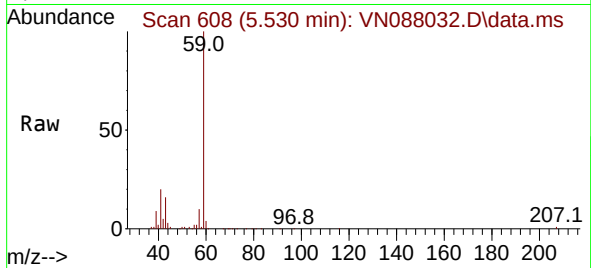
98 64.8 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 242.230 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

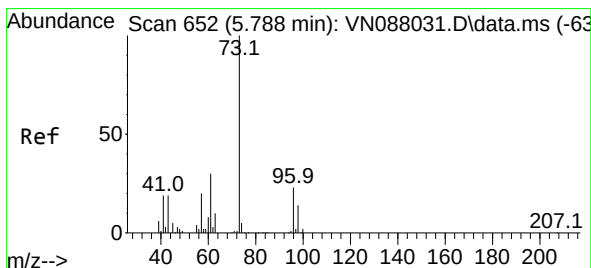
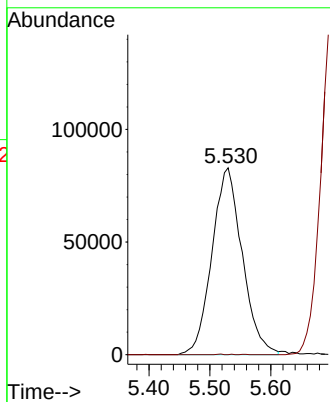
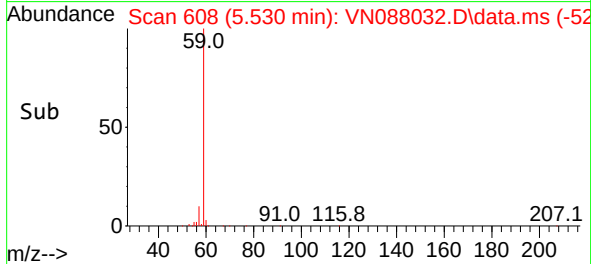
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



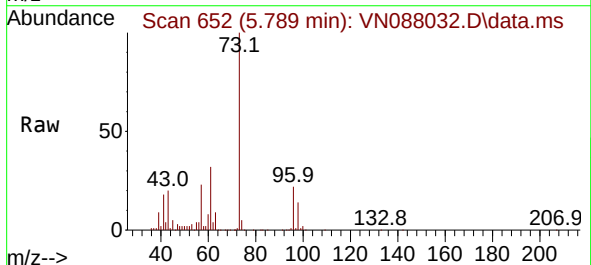
Tgt Ion: 59 Resp: 286611
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

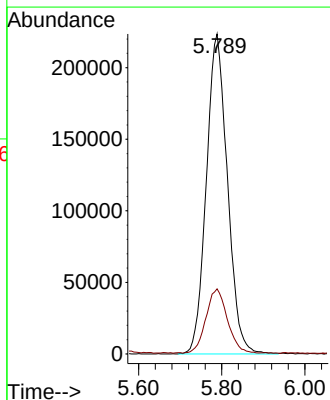
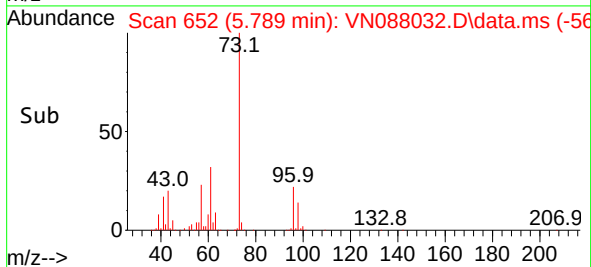
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

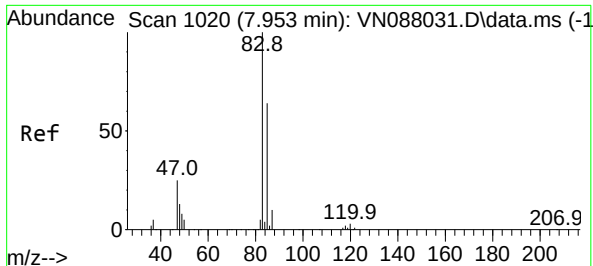


#24
Methyl tert-Butyl Ether
Concen: 48.537 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



Tgt Ion: 73 Resp: 787846
Ion Ratio Lower Upper
73 100
43 20.2 17.0 25.4





#25

Chloroform

Concen: 47.959 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 416210

Ion Ratio Lower Upper

83 100

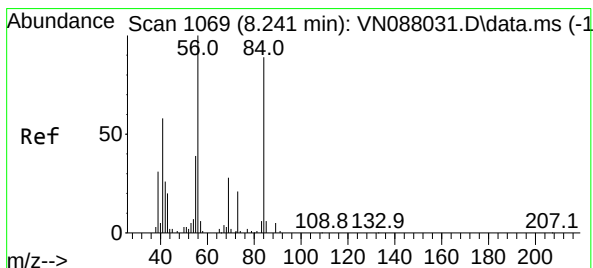
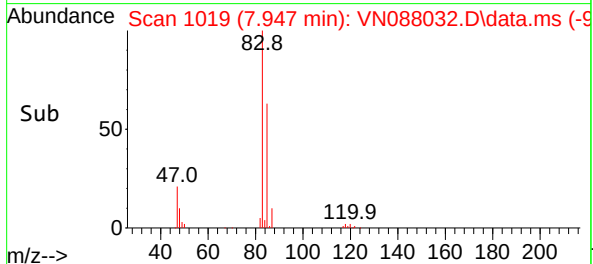
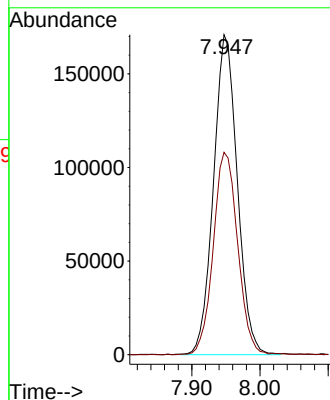
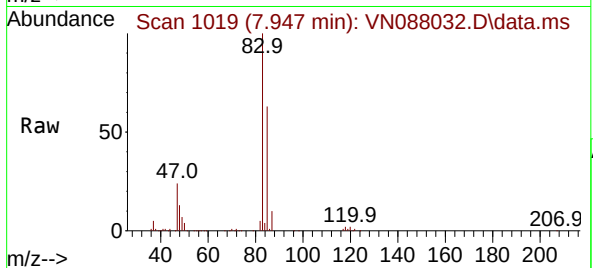
85 63.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#26

Cyclohexane

Concen: 48.343 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

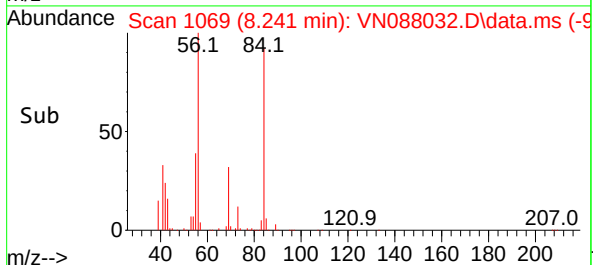
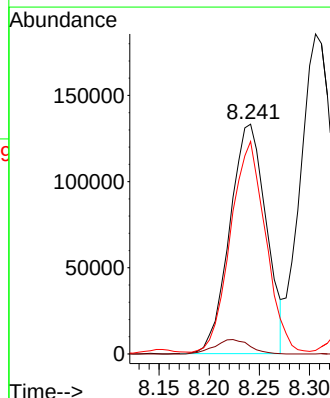
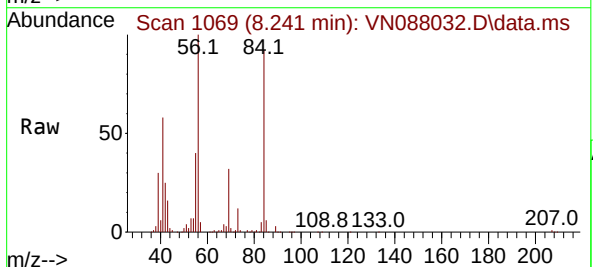
Tgt Ion: 56 Resp: 336848

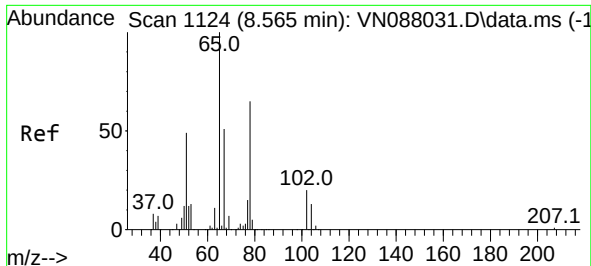
Ion Ratio Lower Upper

56 100

89 6.1 8.6 12.8#

84 90.3 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 30.313 ug/l
RT: 8.559 min Scan# 1124
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

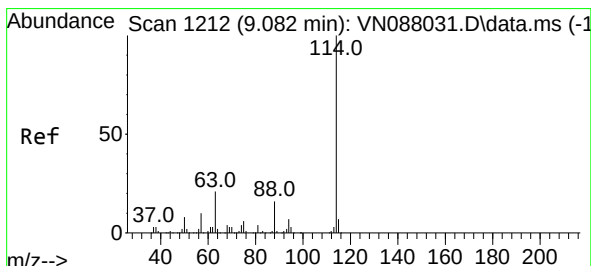
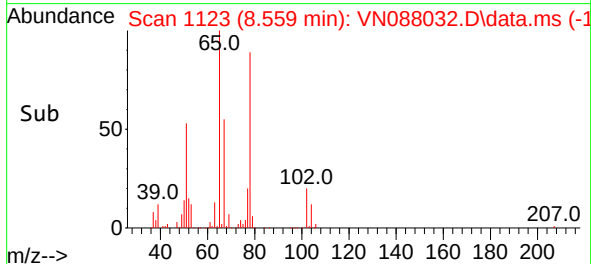
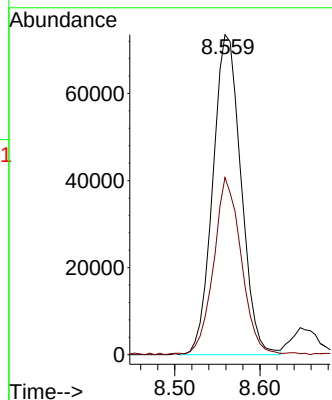
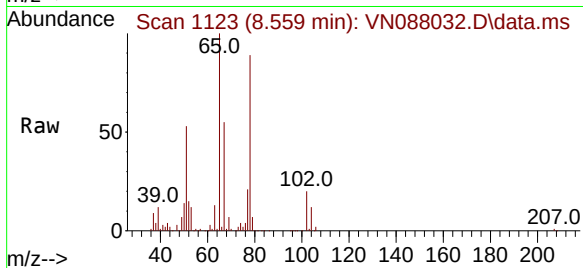
VSTDICC050

Tgt Ion: 65 Resp: 168820
Ion Ratio Lower Upper
65 100
67 53.4 41.9 62.9

Manual Integrations

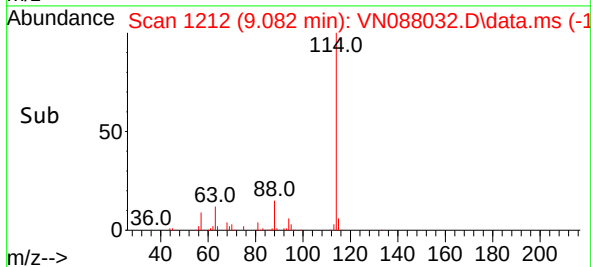
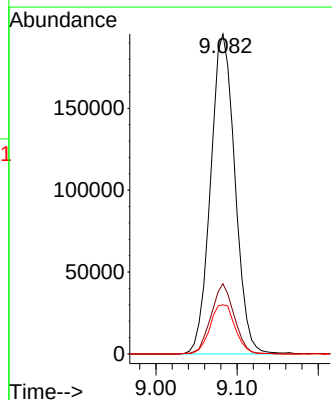
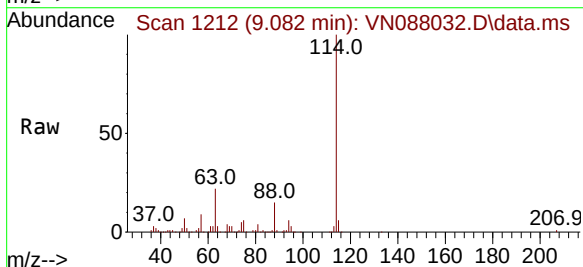
APPROVED

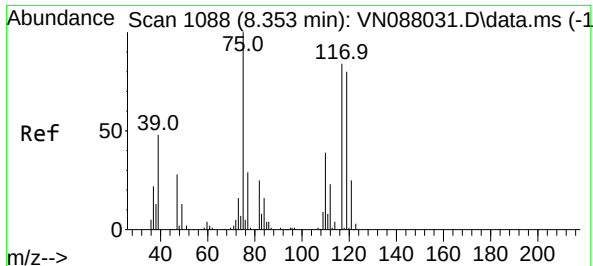
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Tgt Ion:114 Resp: 407063
Ion Ratio Lower Upper
114 100
63 20.8 16.6 25.0
88 15.9 12.6 18.8





#29

1,1-Dichloropropene

Concen: 48.002 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 280084

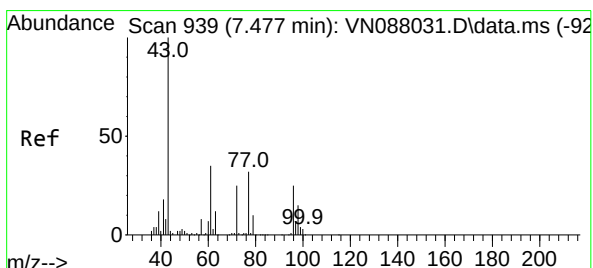
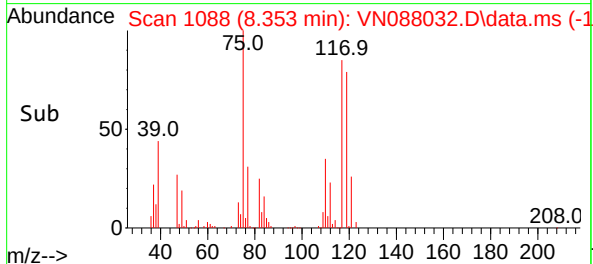
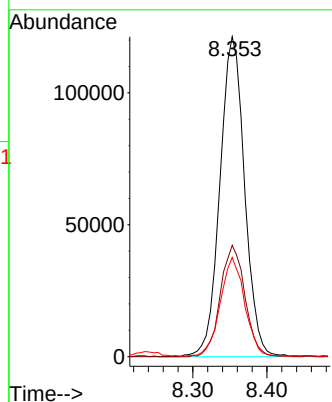
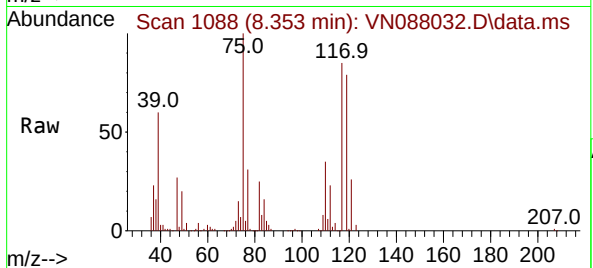
Ion	Ratio	Lower	Upper
75	100		
110	34.8	0.0	72.2
77	30.5	0.0	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#30

2-Butanone

Concen: 240.318 ug/l

RT: 7.471 min Scan# 938

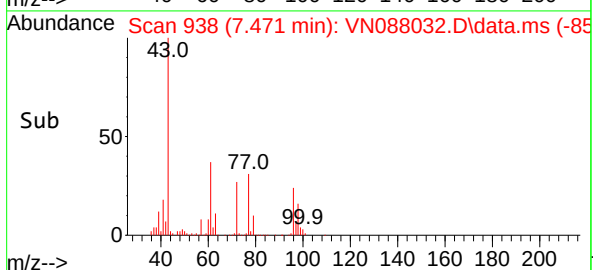
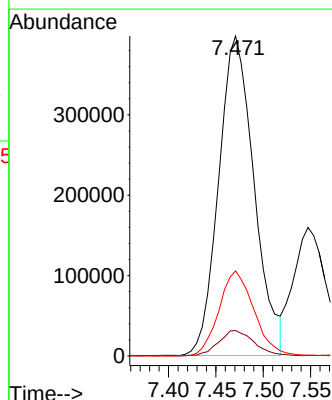
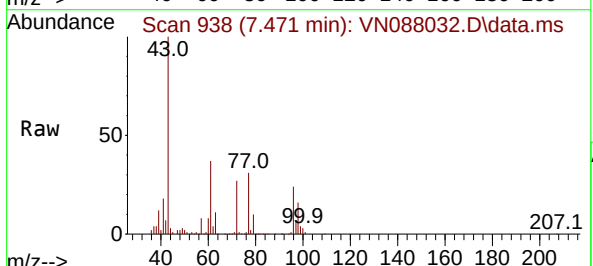
Delta R.T. -0.006 min

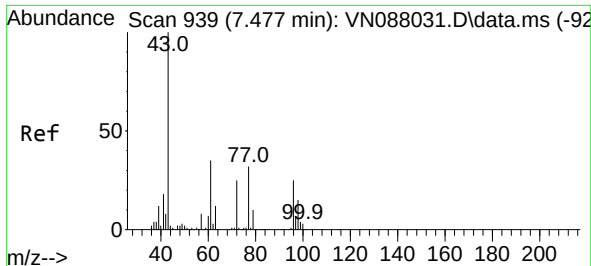
Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Tgt Ion: 43 Resp: 1034181

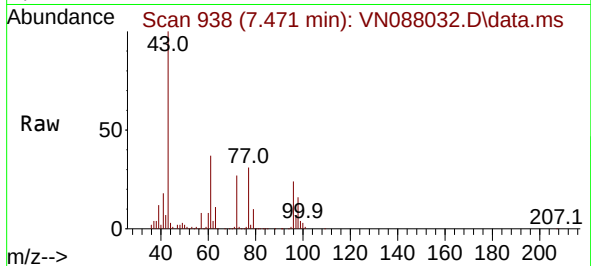
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.5	9.7
72	26.4	21.4	32.2





#31
2,2-Dichloropropane
Concen: 47.547 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

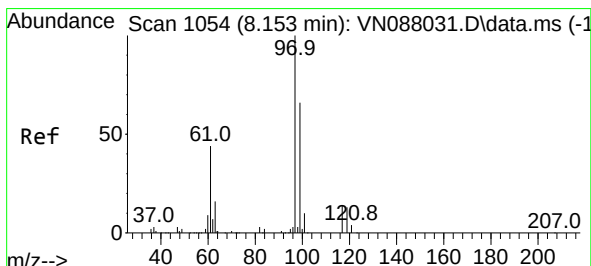
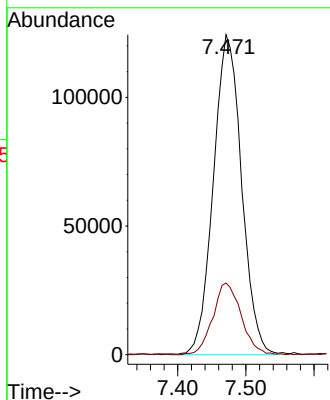
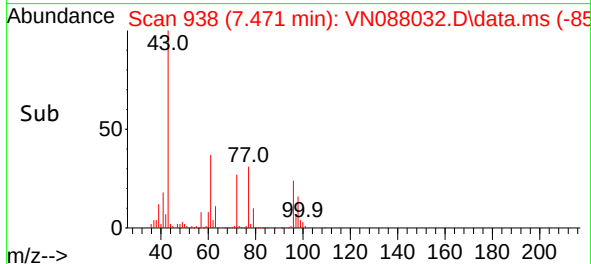
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



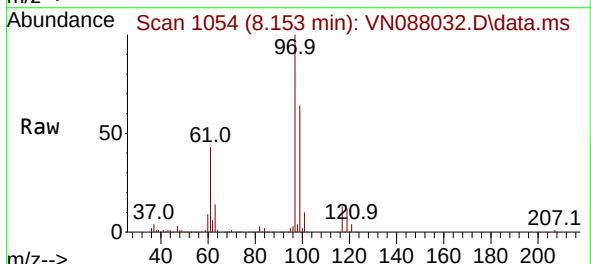
Tgt Ion: 77 Resp: 357940
Ion Ratio Lower Upper
77 100
97 22.4 17.8 26.8

Manual Integrations
APPROVED

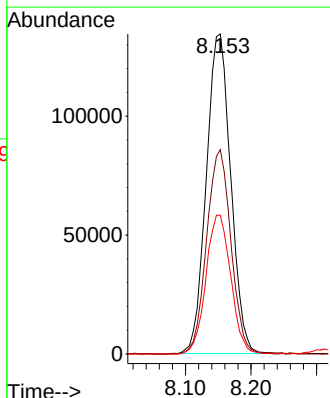
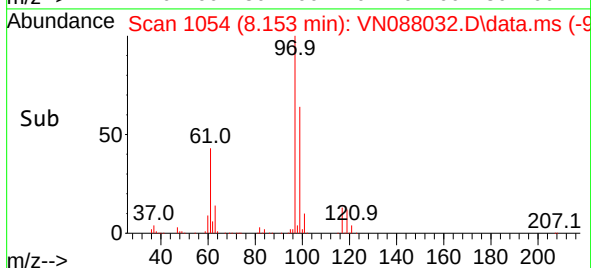
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

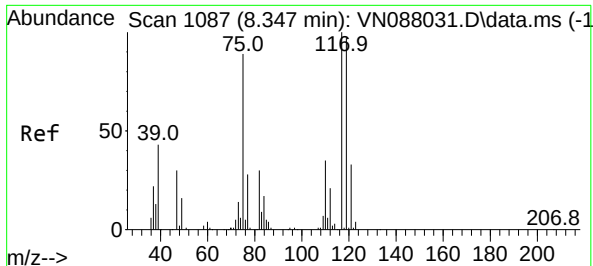


#32
1,1,1-Trichloroethane
Concen: 47.733 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



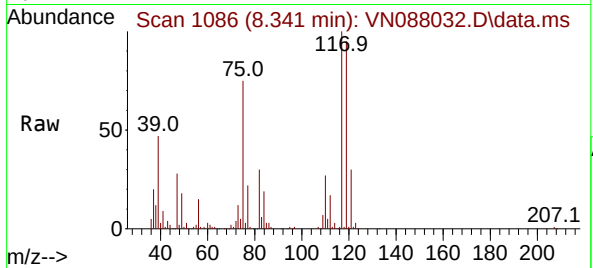
Tgt Ion: 97 Resp: 348014
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 44.0 34.7 52.1





#33
Carbon Tetrachloride
Concen: 48.335 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

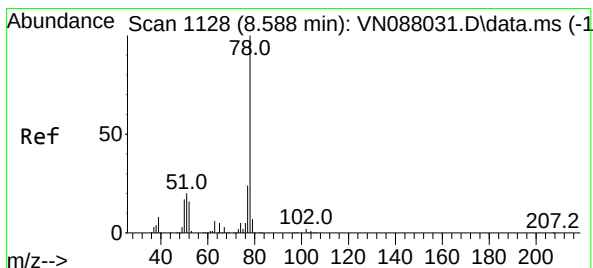
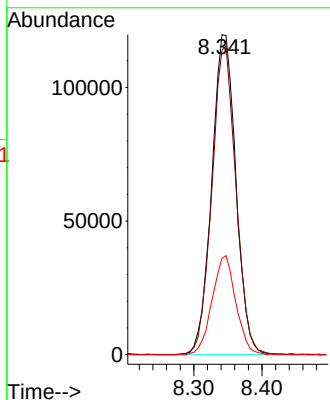
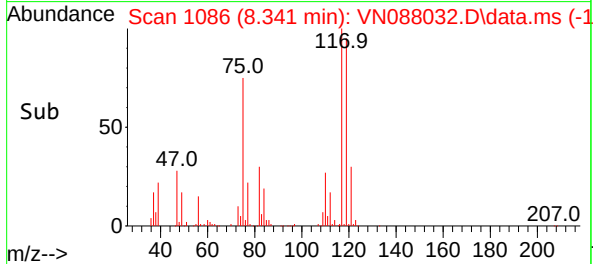
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 295178
Ion Ratio Lower Upper
117 100
119 95.0 77.9 116.9
121 30.2 26.4 39.6

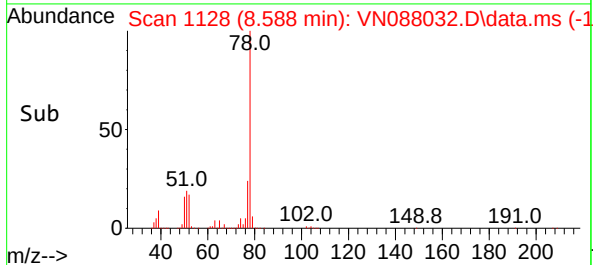
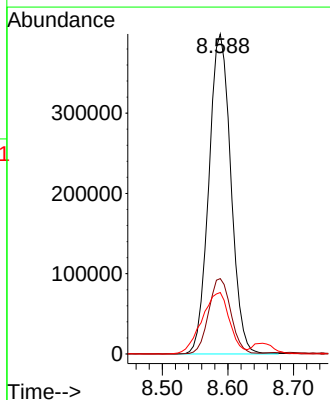
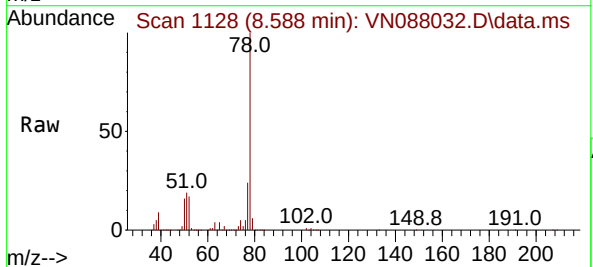
Manual Integrations
APPROVED

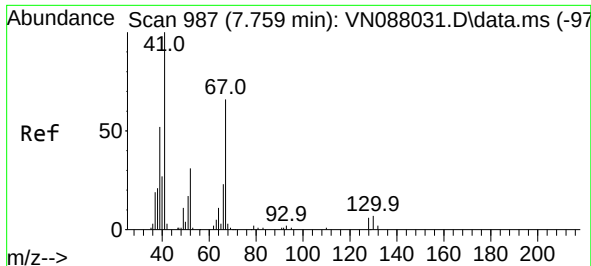
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
Benzene
Concen: 47.877 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

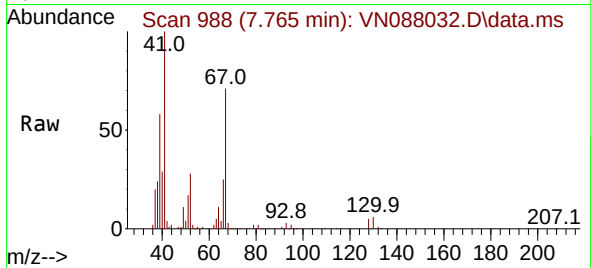
Tgt Ion: 78 Resp: 926605
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3
51 18.9 15.6 23.4





#35
Methacrylonitrile
Concen: 48.945 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

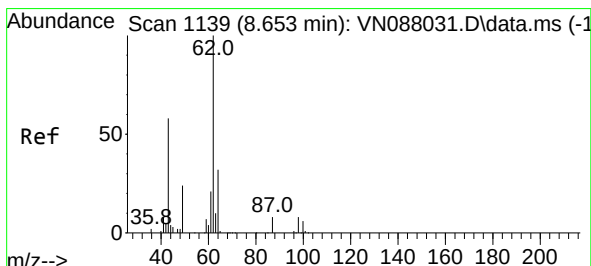
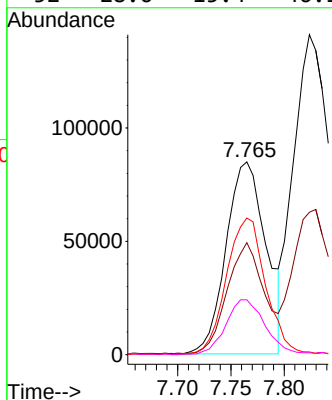
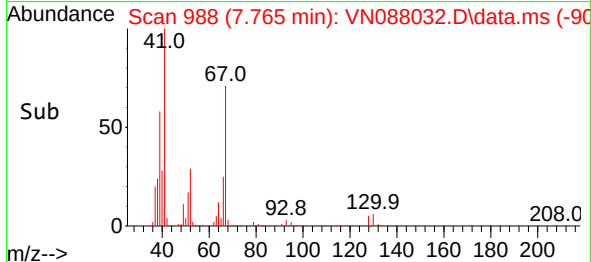
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 41 Resp: 221490
Ion Ratio Lower Upper
41 100
39 57.5 26.1 78.3
67 70.8 33.1 99.2
52 28.6 15.4 46.1

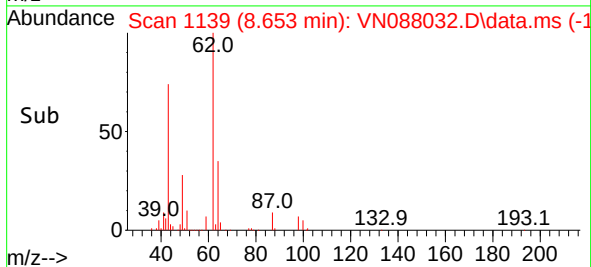
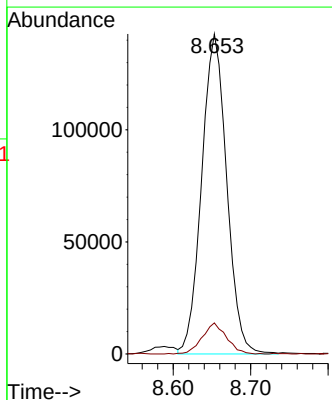
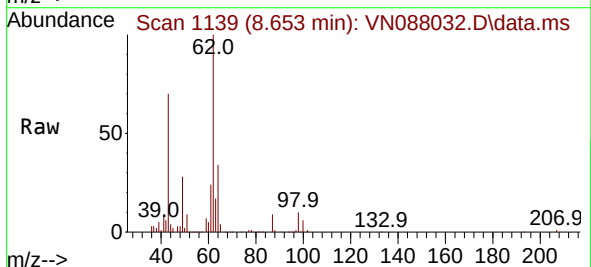
Manual Integrations
APPROVED

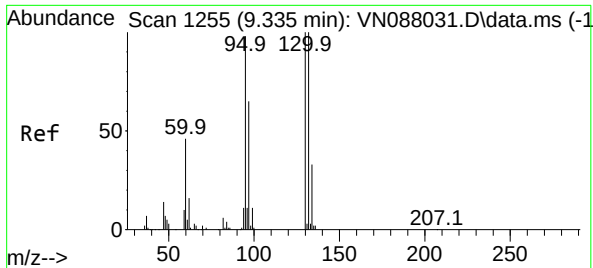
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,2-Dichloroethane
Concen: 47.761 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

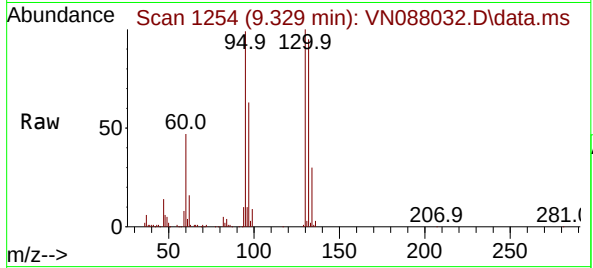
Tgt Ion: 62 Resp: 320898
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6





#37
Trichloroethene
Concen: 47.593 ug/l
RT: 9.329 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

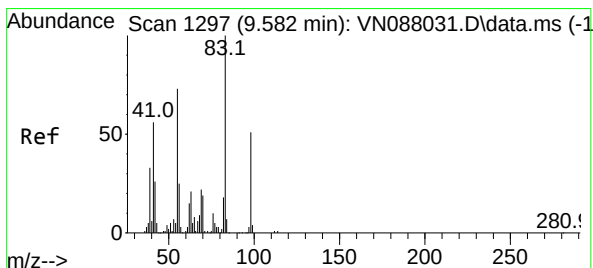
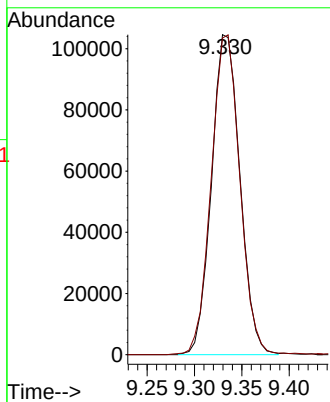
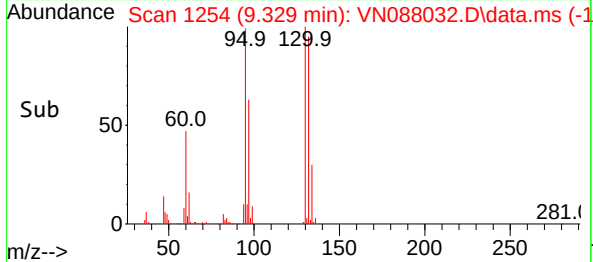
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



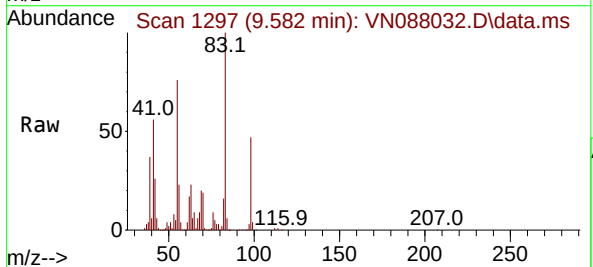
Tgt Ion:130 Resp: 218229
Ion Ratio Lower Upper
130 100
95 98.6 78.7 118.1

Manual Integrations
APPROVED

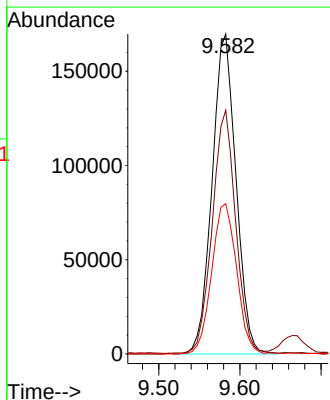
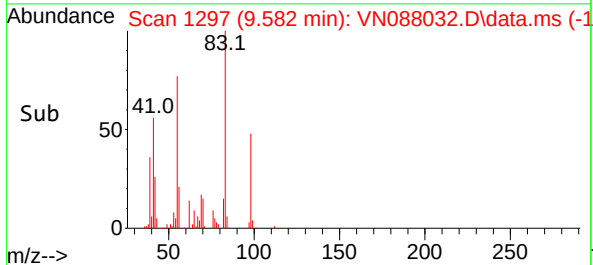
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

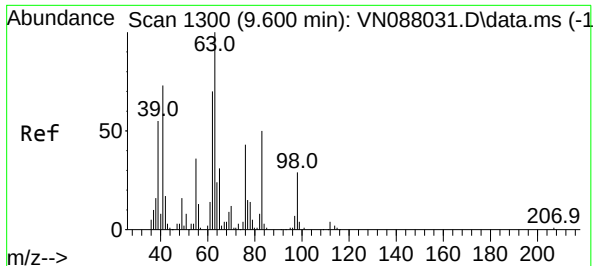


#38
Methylcyclohexane
Concen: 48.271 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



Tgt Ion: 83 Resp: 347822
Ion Ratio Lower Upper
83 100
55 74.0 37.3 111.9
98 48.9 25.4 76.0





#39
1,2-Dichloropropane
Concen: 47.147 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

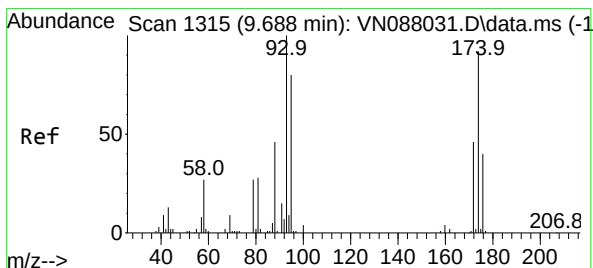
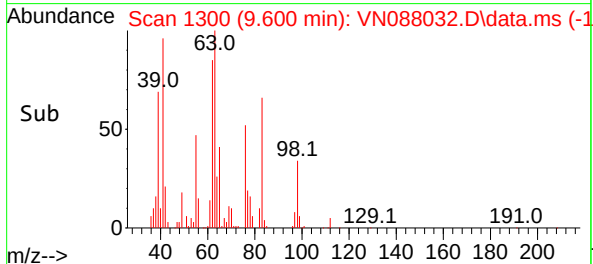
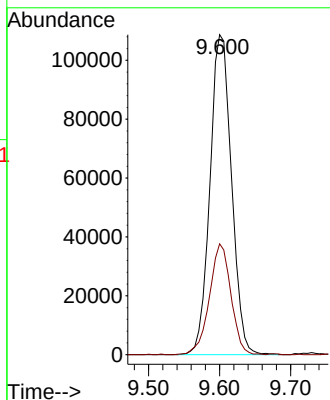
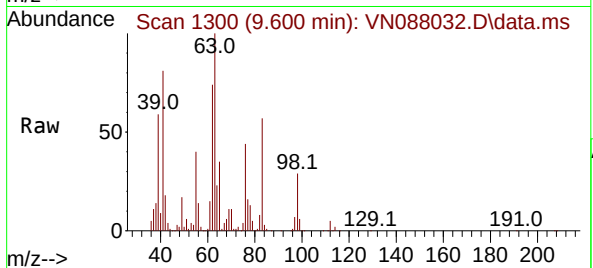
VSTDICC050

Tgt Ion: 63 Resp: 22879
Ion Ratio Lower Upper
63 100
65 34.5 25.0 37.6

Manual Integrations

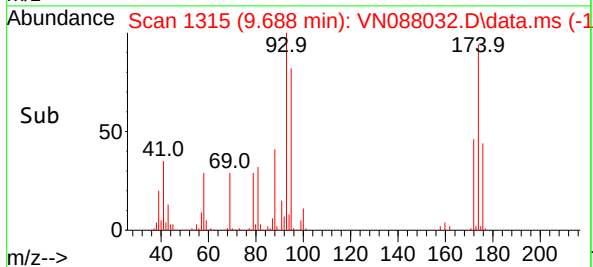
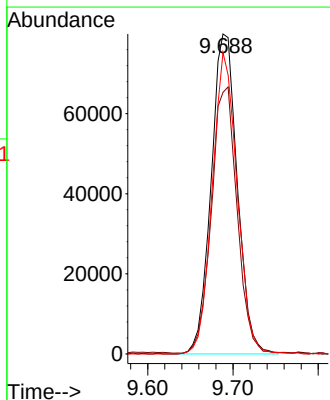
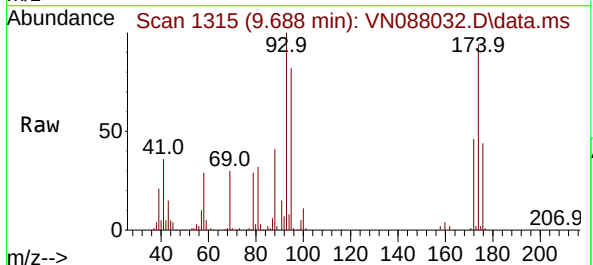
APPROVED

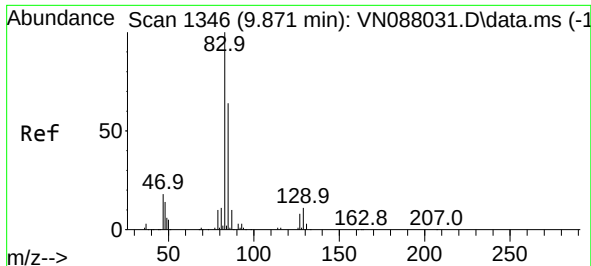
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#40
Dibromomethane
Concen: 48.148 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

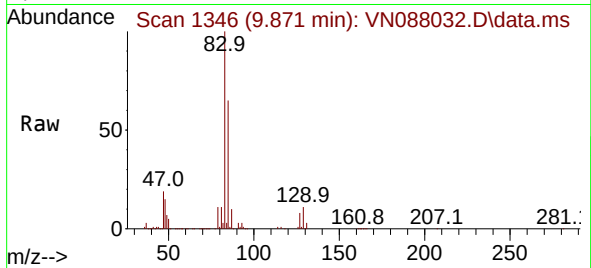
Tgt Ion: 93 Resp: 170079
Ion Ratio Lower Upper
93 100
95 81.7 0.0 158.6
174 90.0 0.0 180.8





#41
Bromodichloromethane
Concen: 47.241 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

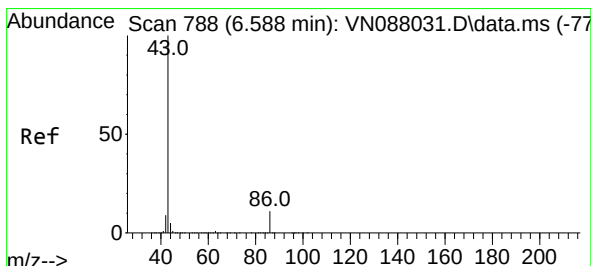
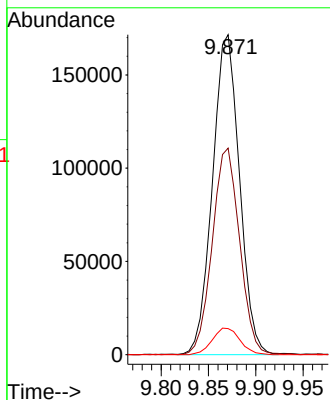
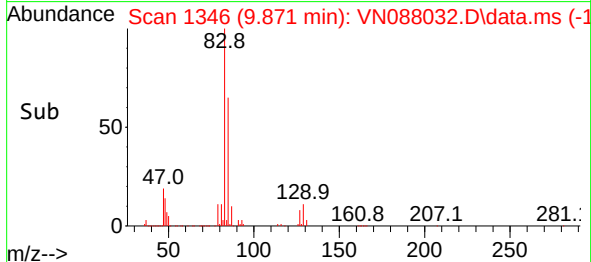
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 340823
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4
127 8.2 6.1 9.1

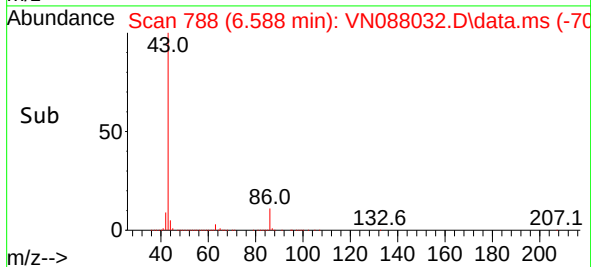
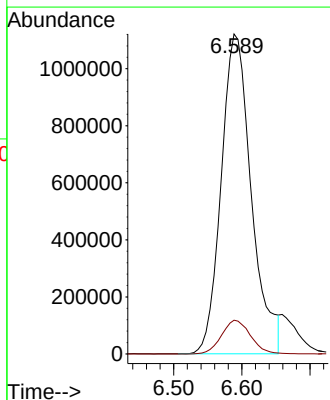
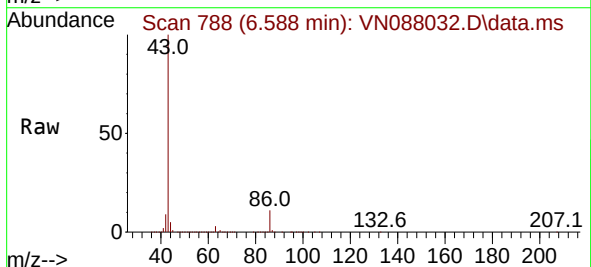
Manual Integrations
APPROVED

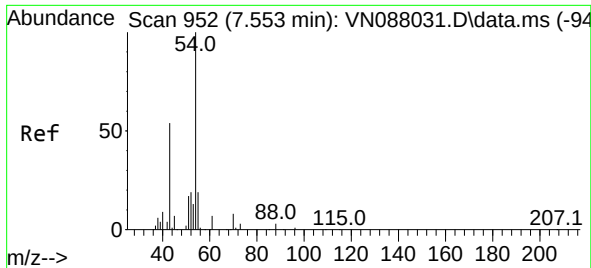
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#42
Vinyl Acetate
Concen: 235.274 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

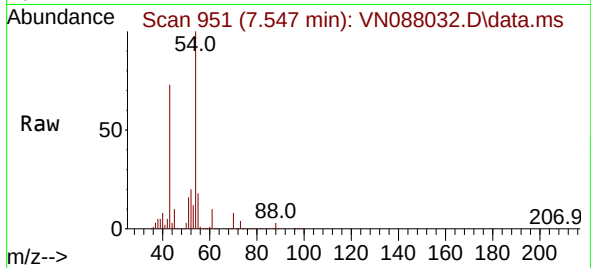
Tgt Ion: 43 Resp: 3449178
Ion Ratio Lower Upper
43 100
86 10.2 8.4 12.6





#43
Ethyl Acetate
Concen: 46.753 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

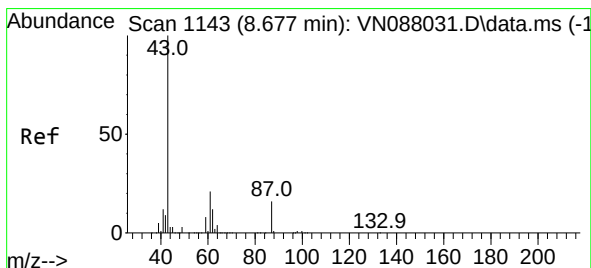
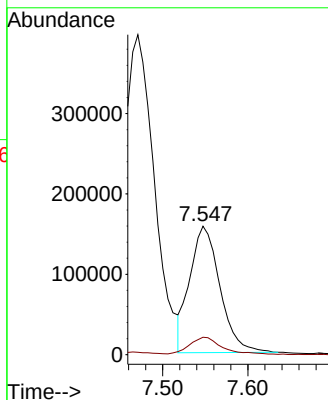
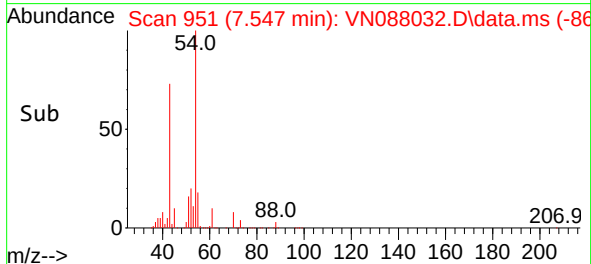
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 38675
Ion Ratio Lower Upper
43 100
45 15.0 10.2 15.4

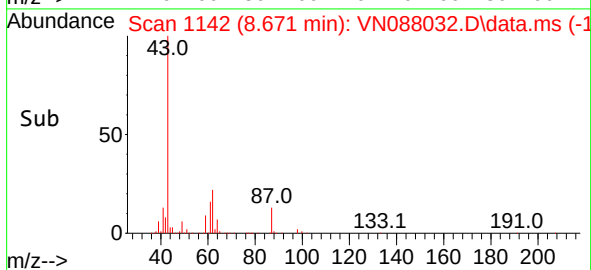
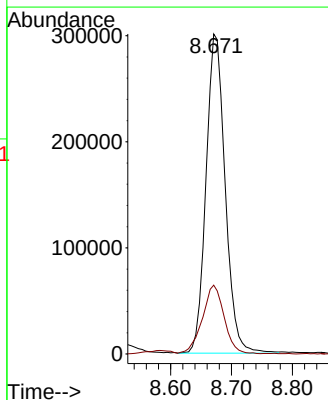
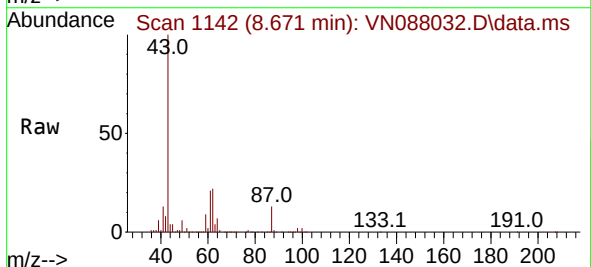
Manual Integrations
APPROVED

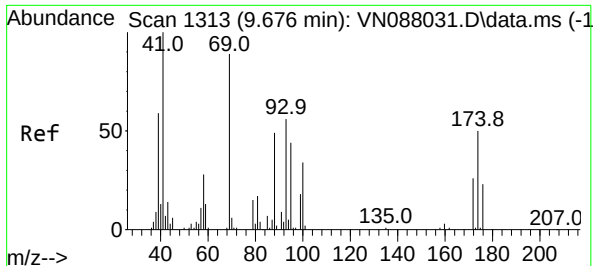
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#44
Isopropyl Acetate
Concen: 48.713 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

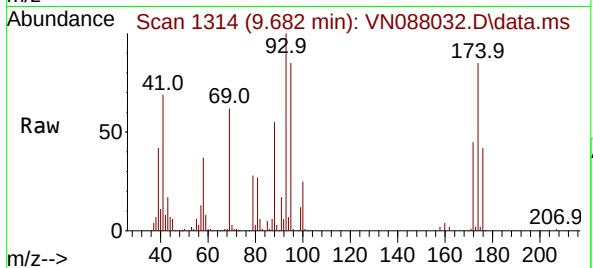
Tgt Ion: 43 Resp: 658172
Ion Ratio Lower Upper
43 100
61 24.6 18.7 28.1





#45
1,4-Dioxane
Concen: 982.026 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

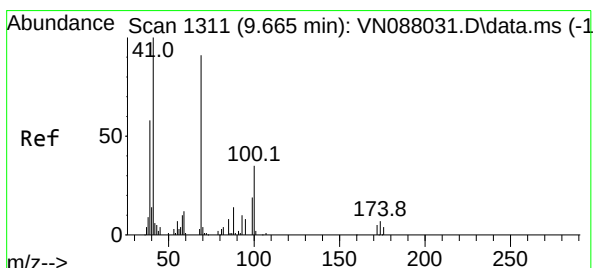
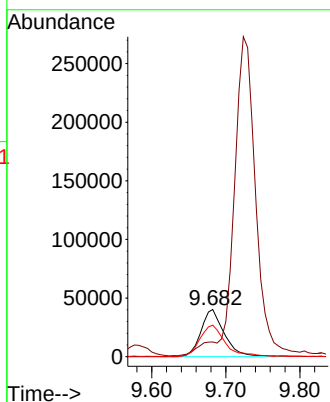
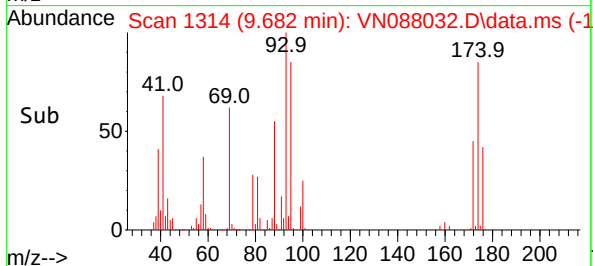
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



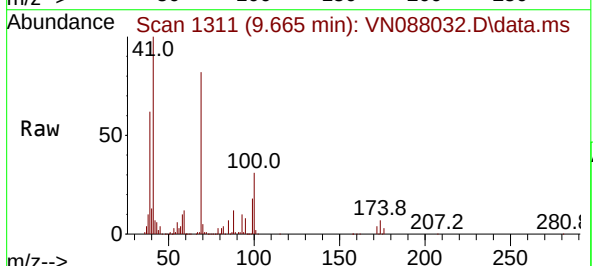
Tgt Ion: 88 Resp: 88240
Ion Ratio Lower Upper
88 100
43 26.0 18.6 27.8
58 72.2 57.4 86.2

Manual Integrations
APPROVED

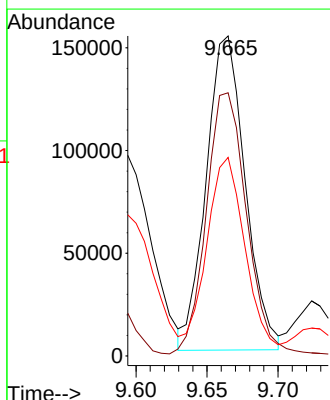
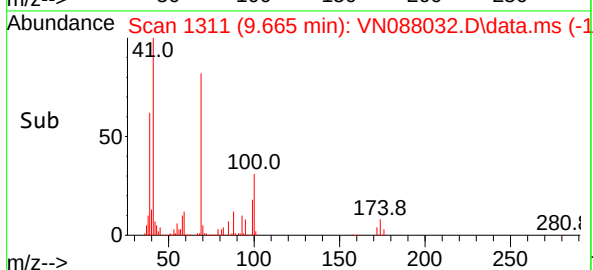
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

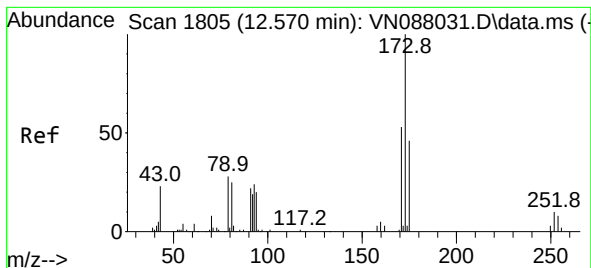


#46
Methyl methacrylate
Concen: 49.080 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



Tgt Ion: 41 Resp: 292033
Ion Ratio Lower Upper
41 100
69 85.5 44.9 134.7
39 62.5 30.3 90.8





#47

n-amy1 Acetate

Concen: 50.755 ug/l m

RT: 12.506 min Scan# 1

Delta R.T. -0.065 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 301319

Ion Ratio Lower Upper

43 100

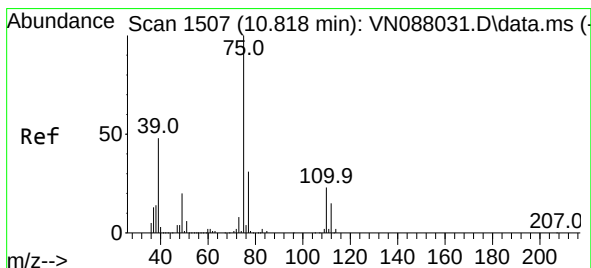
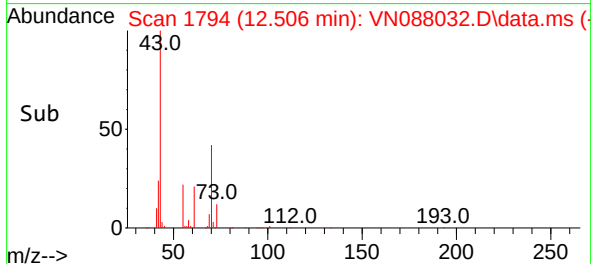
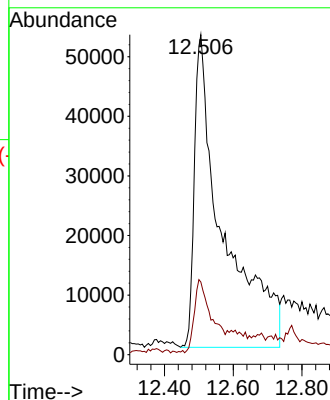
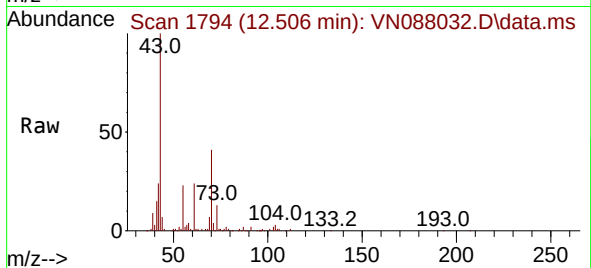
55 14.3 0.6 0.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#48

t-1,3-Dichloropropene

Concen: 48.302 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN088032.D

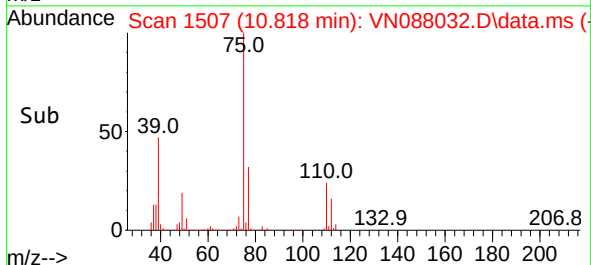
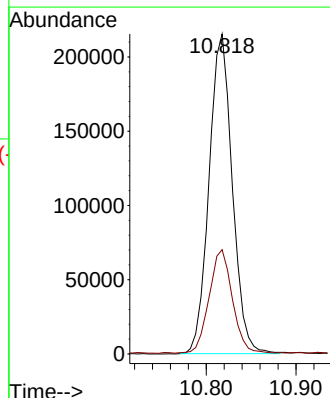
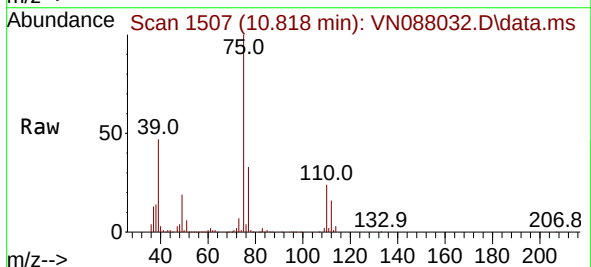
Acq: 08 Oct 2025 10:30

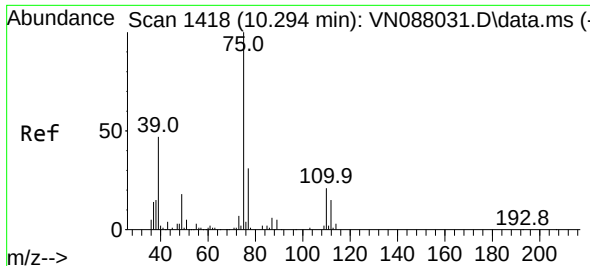
Tgt Ion: 75 Resp: 387494

Ion Ratio Lower Upper

75 100

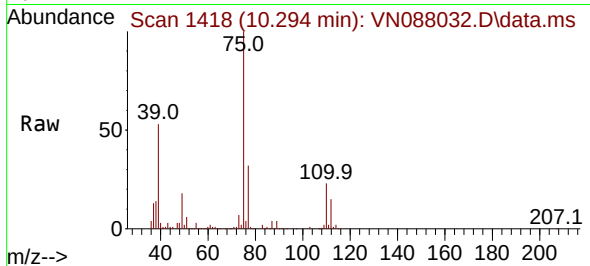
77 32.2 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 47.774 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088032.D
 Acq: 08 Oct 2025 10:30

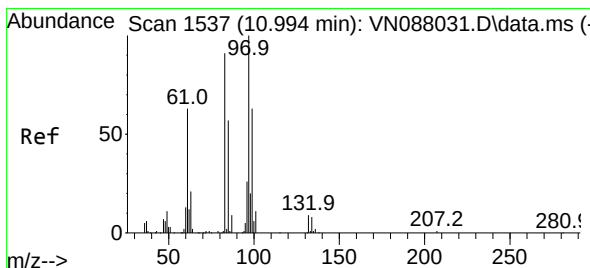
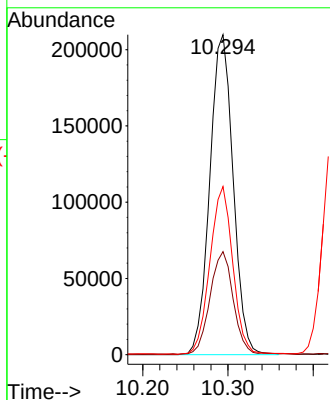
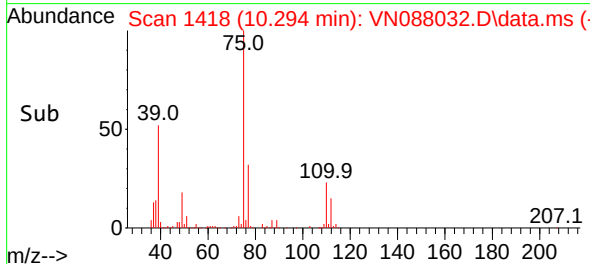
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 399785
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4
 39 52.4 37.4 56.0

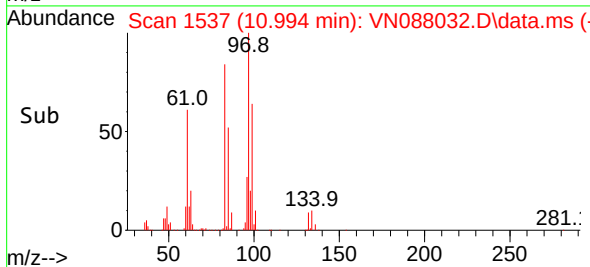
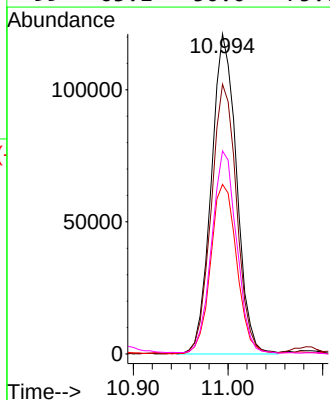
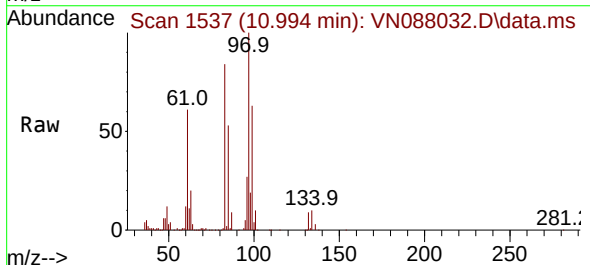
Manual Integrations
 APPROVED

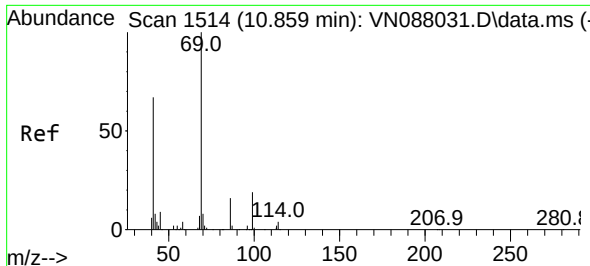
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 48.009 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088032.D
 Acq: 08 Oct 2025 10:30

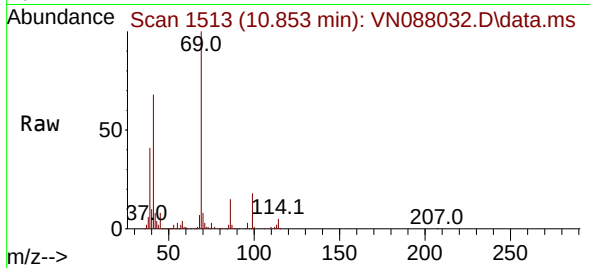
Tgt Ion: 97 Resp: 224582
 Ion Ratio Lower Upper
 97 100
 83 84.0 72.5 108.7
 85 52.8 45.5 68.3
 99 63.1 50.0 75.0





#51
Ethyl methacrylate
Concen: 49.995 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

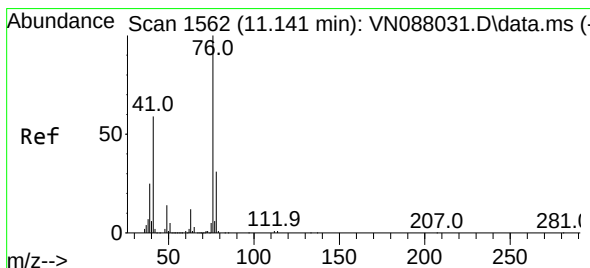
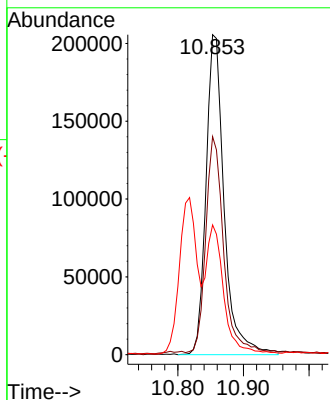
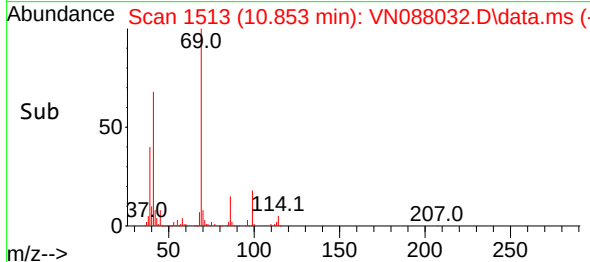
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 395800
Ion Ratio Lower Upper
69 100
41 67.3 33.3 99.8
39 40.0 20.3 61.0

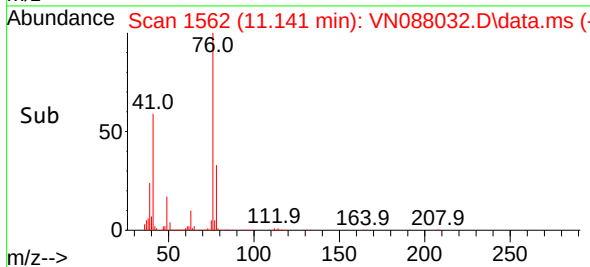
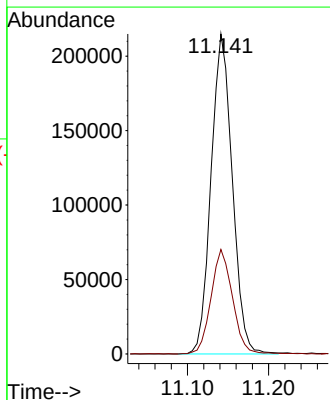
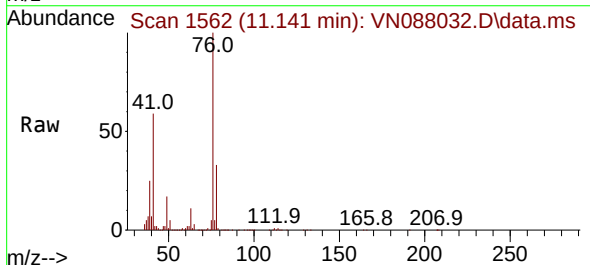
Manual Integrations
APPROVED

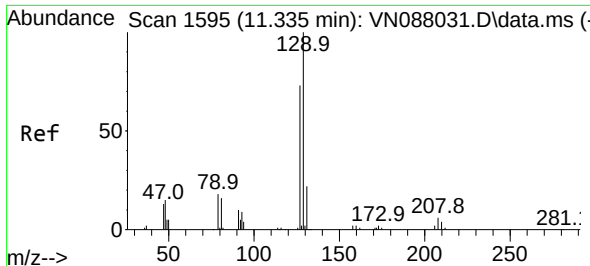
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#52
1,3-Dichloropropane
Concen: 47.897 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

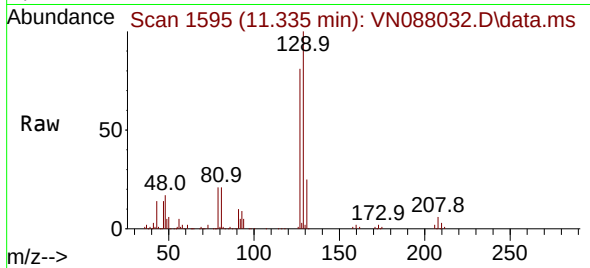
Tgt Ion: 76 Resp: 390914
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0





#53
Dibromochloromethane
Concen: 48.222 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

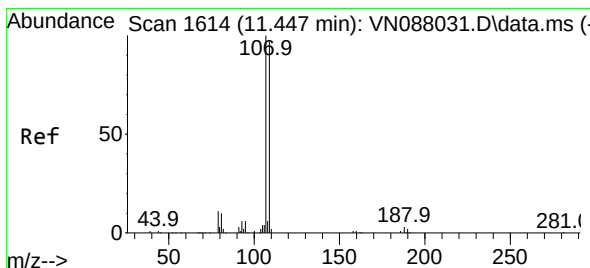
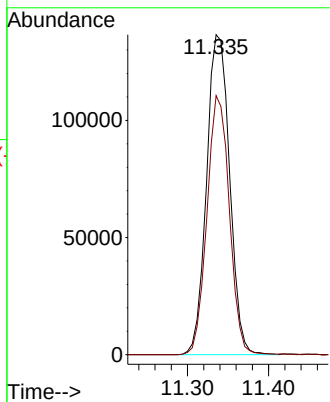
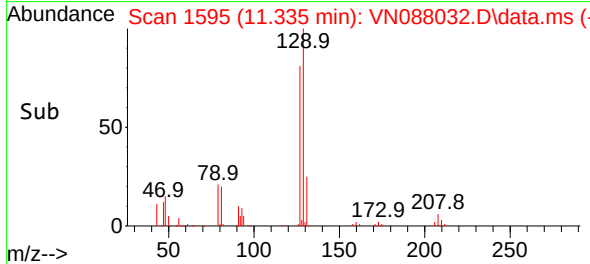
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



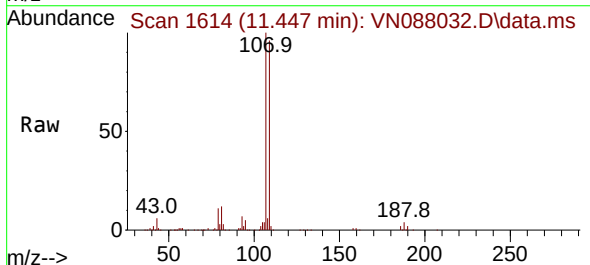
Tgt Ion:129 Resp: 26968
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

Manual Integrations
APPROVED

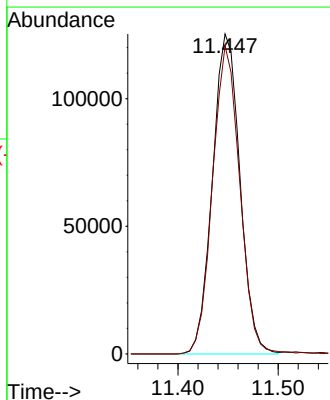
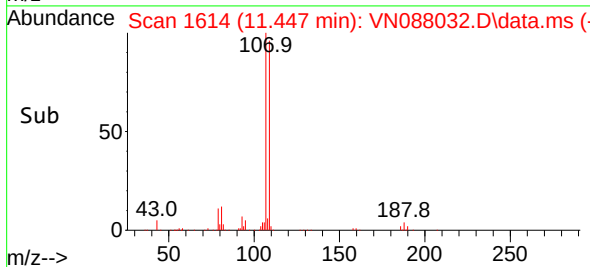
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

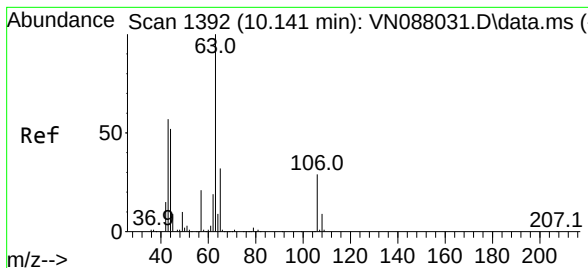


#54
1,2-Dibromoethane
Concen: 47.697 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



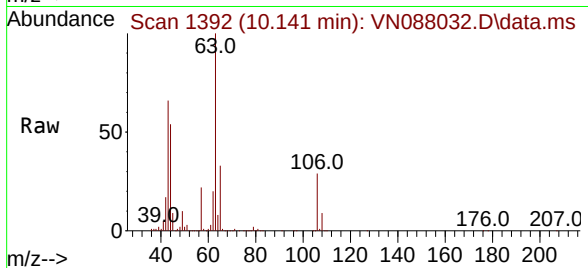
Tgt Ion:107 Resp: 238540
Ion Ratio Lower Upper
107 100
109 95.4 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 248.447 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

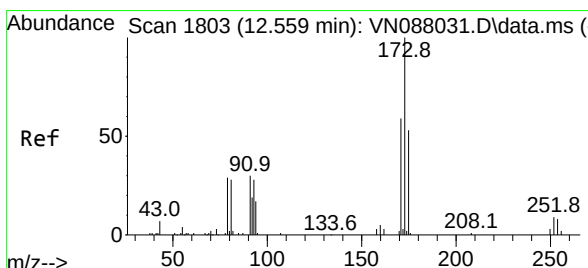
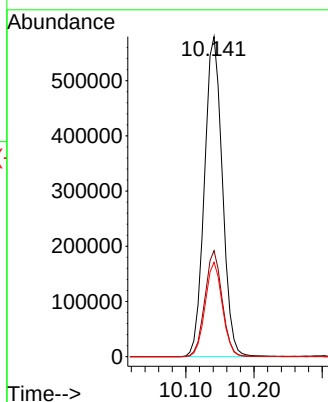
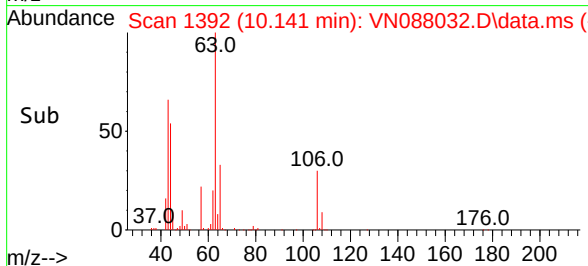
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 106168
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 28.4 22.6 34.0

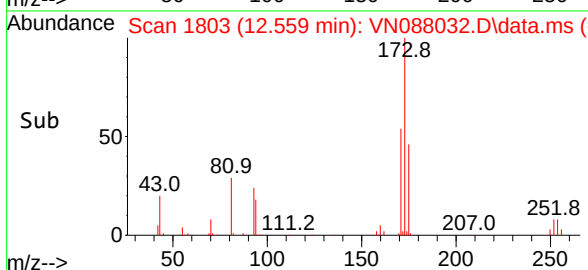
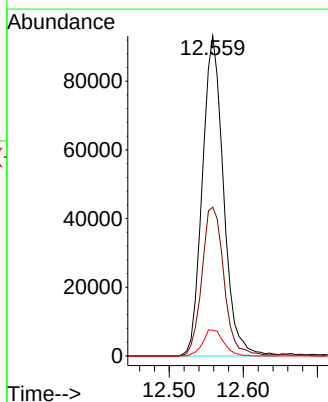
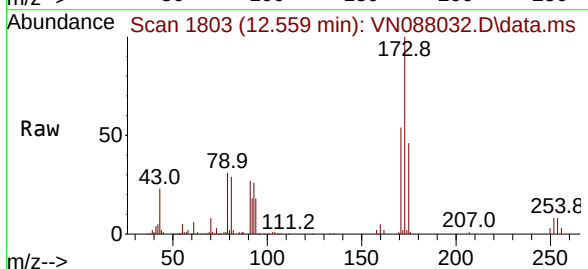
Manual Integrations
APPROVED

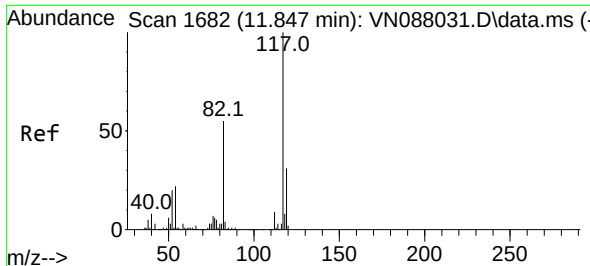
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
Bromoform
Concen: 48.948 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

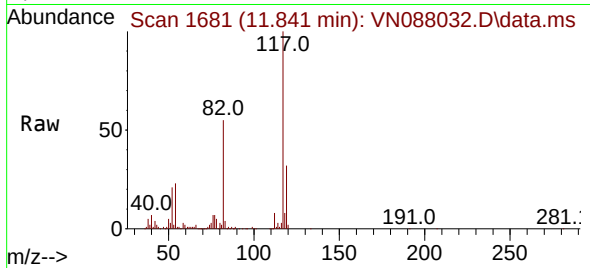
Tgt Ion:173 Resp: 185069
Ion Ratio Lower Upper
173 100
175 48.5 39.6 59.4
254 8.1 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

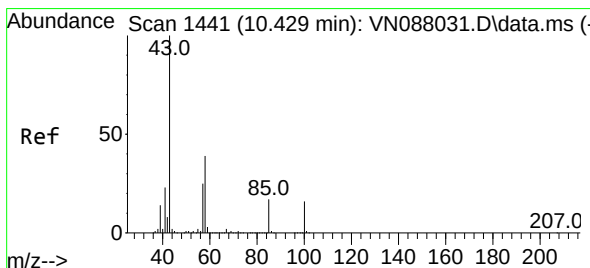
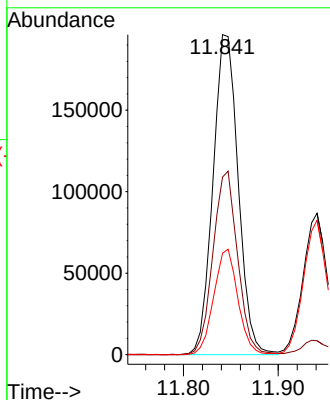
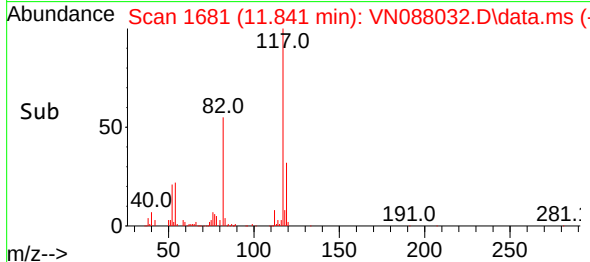
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



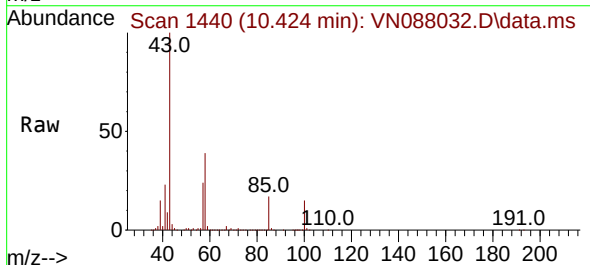
Tgt Ion:117 Resp: 363861
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 31.6 25.9 38.9

Manual Integrations
APPROVED

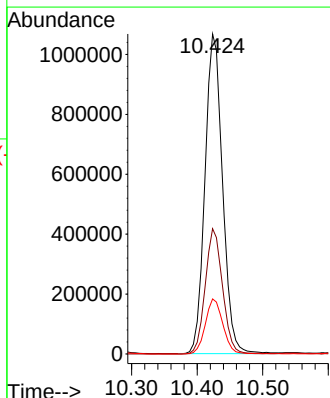
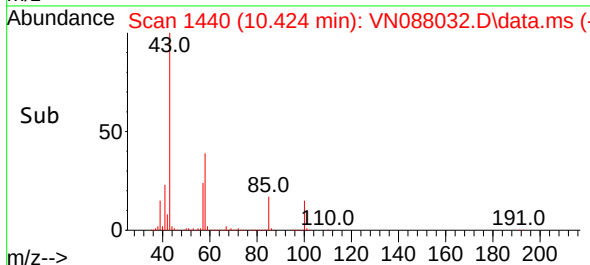
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

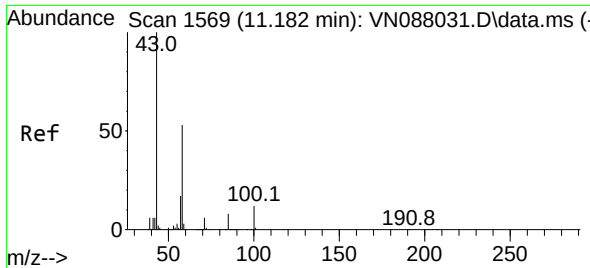


#58
4-Methyl-2-Pentanone
Concen: 244.858 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



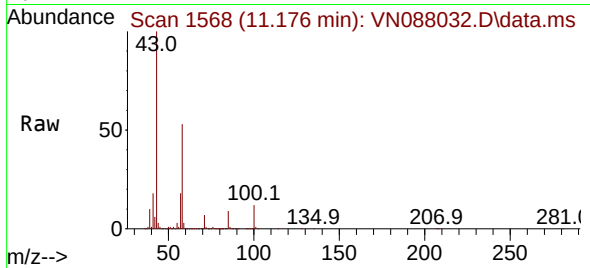
Tgt Ion: 43 Resp: 1992861
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8
85 17.2 13.7 20.5





#59
2-Hexanone
Concen: 257.249 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

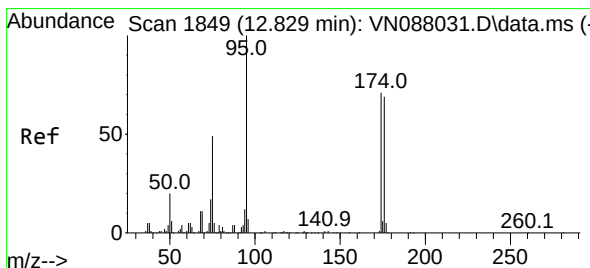
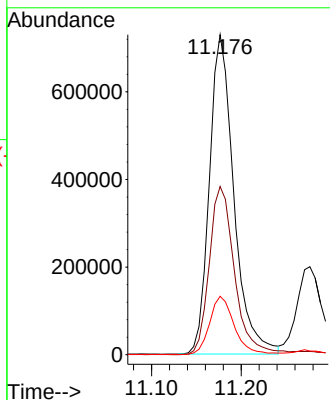
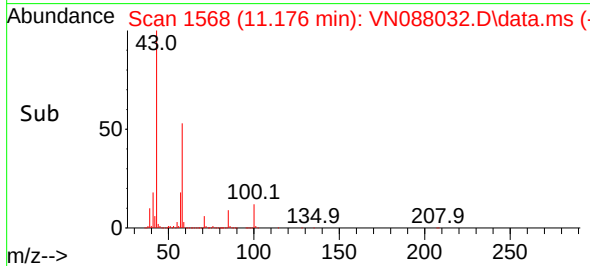
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



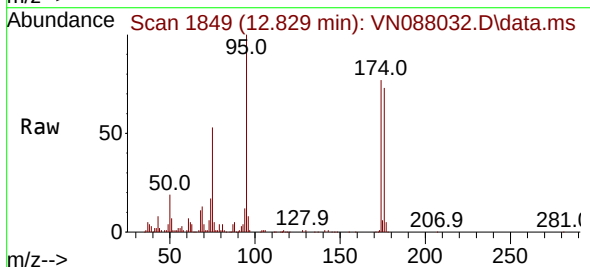
Tgt Ion: 43 Resp: 1382348
Ion Ratio Lower Upper
43 100
58 54.4 43.1 64.7
57 18.2 14.6 21.8

Manual Integrations
APPROVED

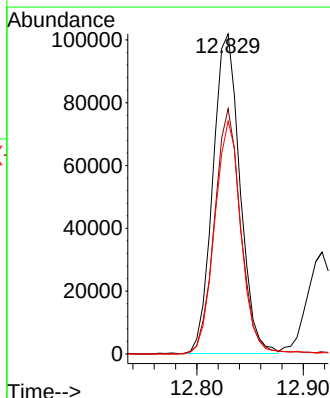
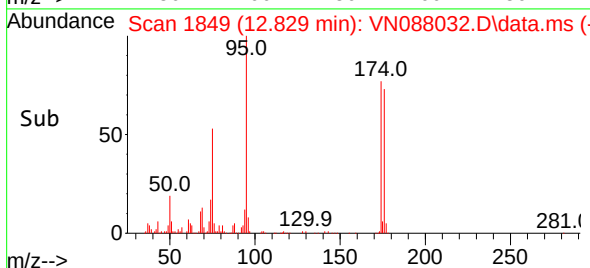
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

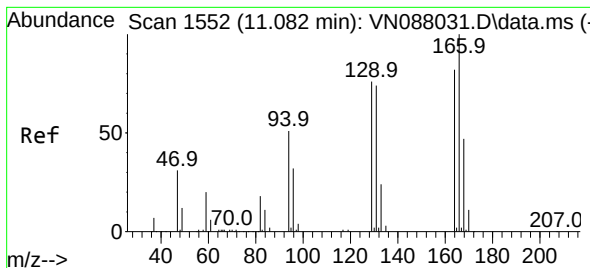


#60
4-Bromofluorobenzene
Concen: 29.897 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



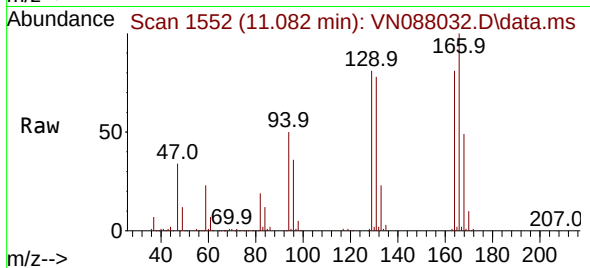
Tgt Ion: 95 Resp: 179340
Ion Ratio Lower Upper
95 100
174 74.7 57.4 86.0
176 71.4 57.0 85.4





#61
Tetrachloroethene
Concen: 48.289 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

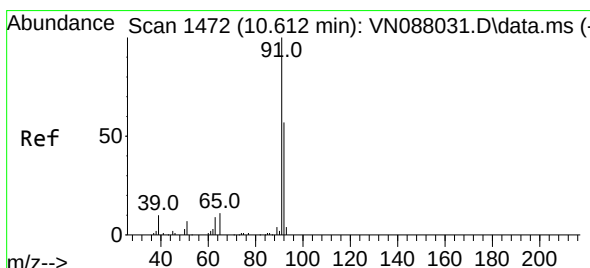
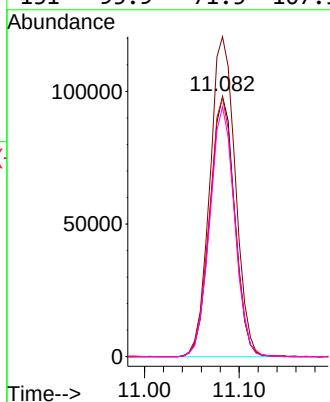
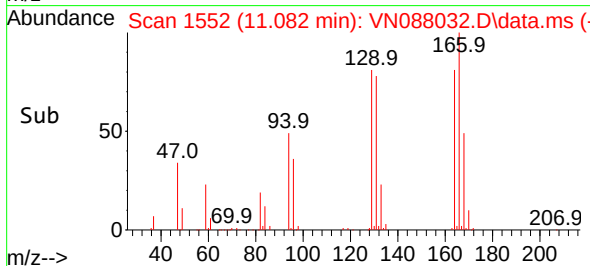
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:164 Resp: 177933
Ion Ratio Lower Upper
164 100
166 122.9 97.2 145.8
129 99.5 73.7 110.5
131 95.9 71.5 107.3

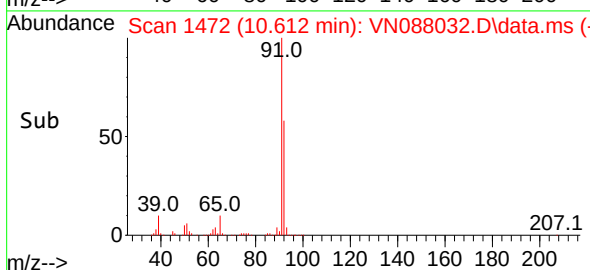
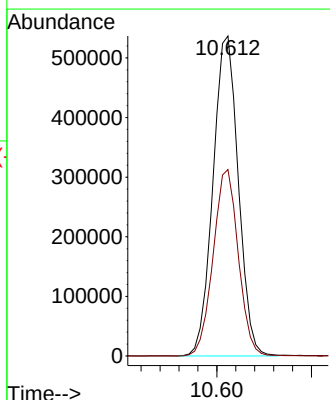
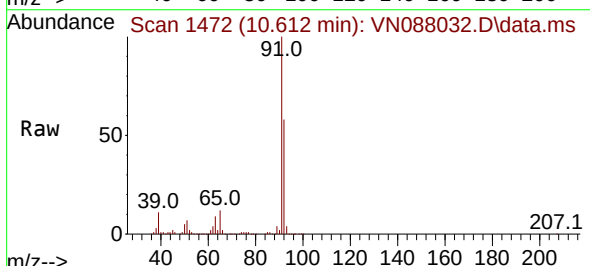
Manual Integrations
APPROVED

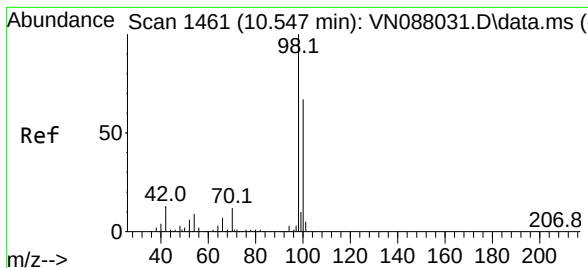
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
Toluene
Concen: 48.341 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

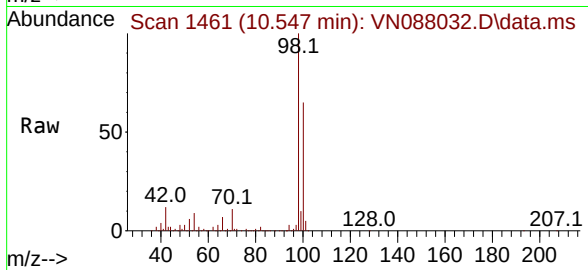
Tgt Ion: 91 Resp: 997746
Ion Ratio Lower Upper
91 100
92 57.8 45.8 68.8





#63
Toluene-d8
Concen: 29.917 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

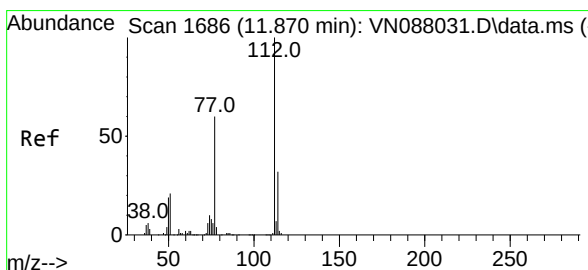
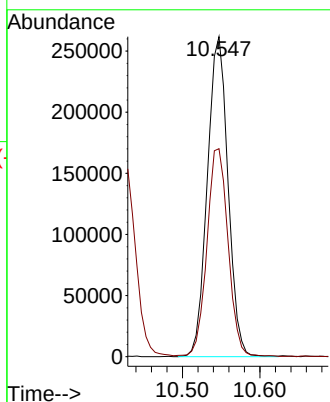
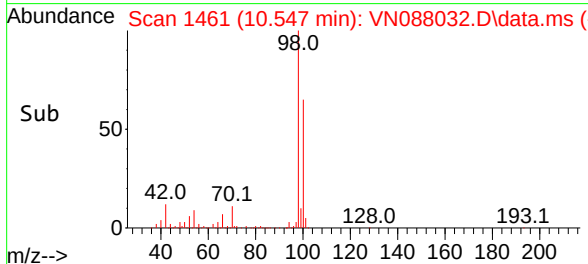
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



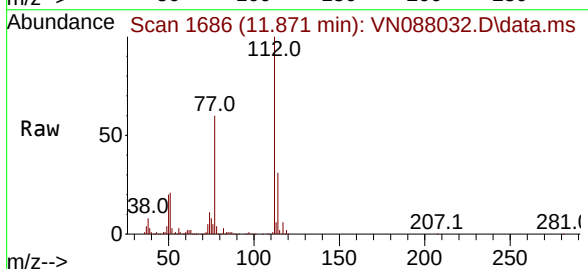
Tgt Ion: 98 Resp: 485008
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

Manual Integrations
APPROVED

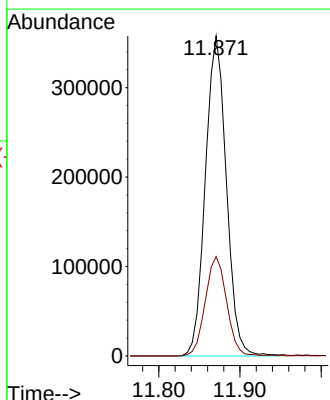
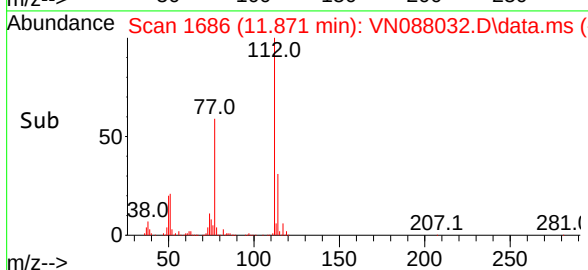
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

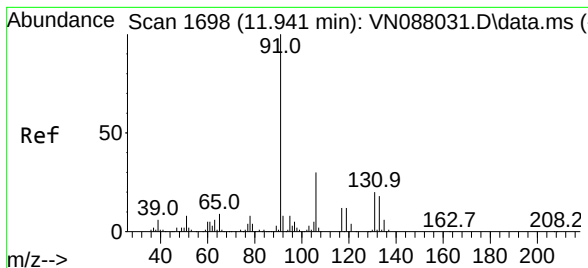


#64
Chlorobenzene
Concen: 48.738 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



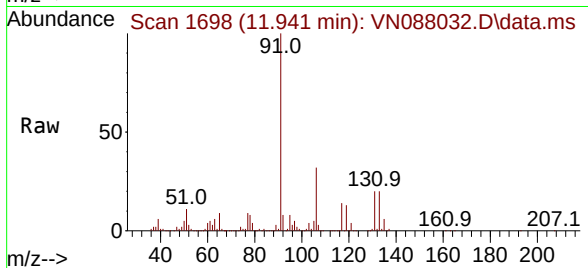
Tgt Ion:112 Resp: 642529
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 49.257 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

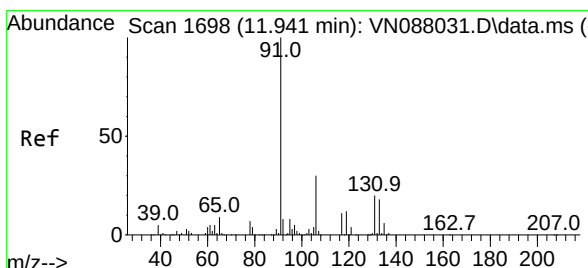
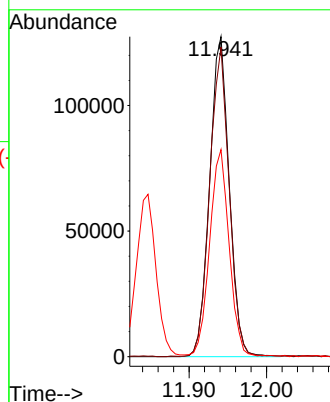
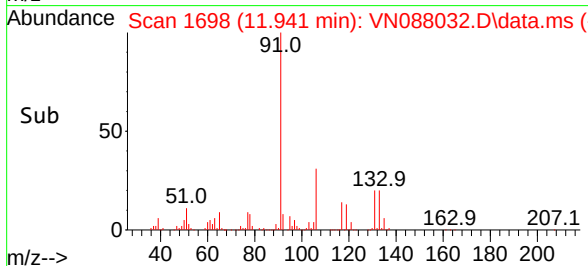
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 223784
Ion Ratio Lower Upper
131 100
133 96.1 0.0 183.8
119 64.5 0.0 132.0

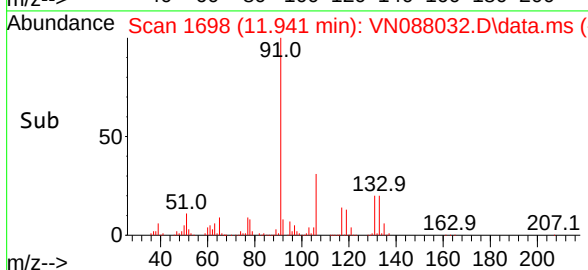
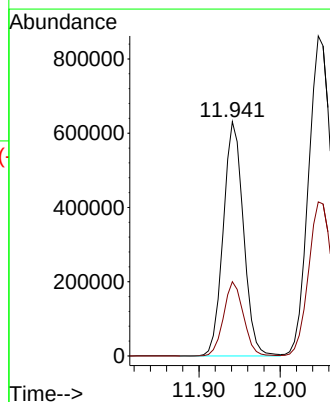
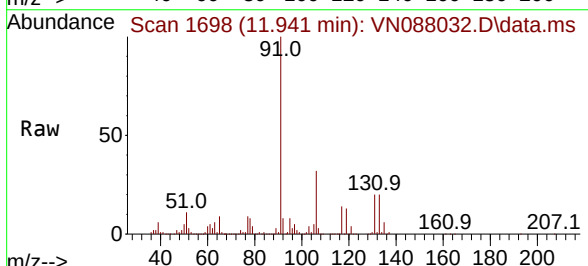
Manual Integrations
APPROVED

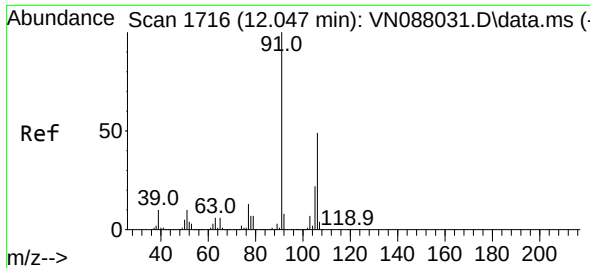
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Ethyl Benzene
Concen: 48.639 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

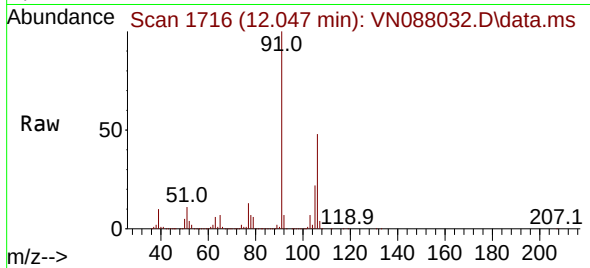
Tgt Ion: 91 Resp: 1091616
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0





#67
m/p-Xylenes
Concen: 97.174 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

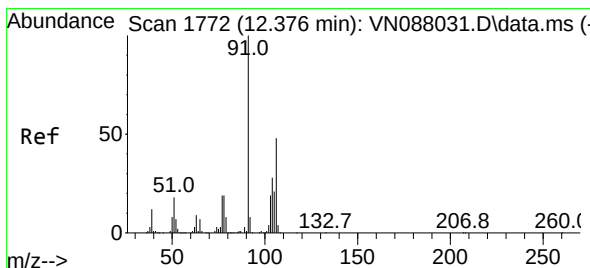
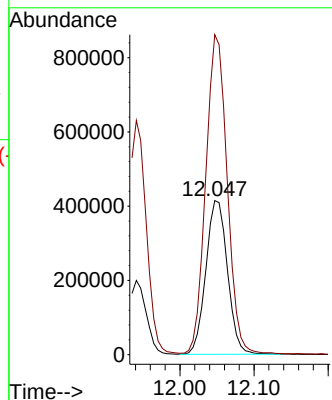
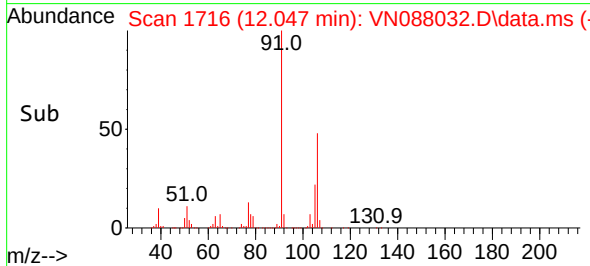
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



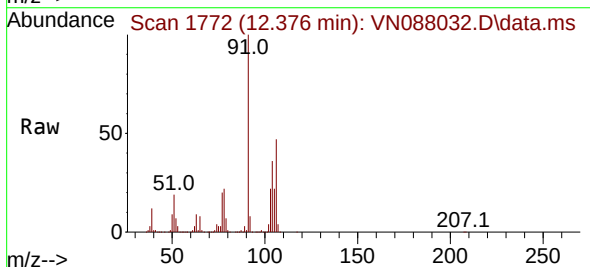
Tgt Ion:106 Resp: 840749
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.0

Manual Integrations
APPROVED

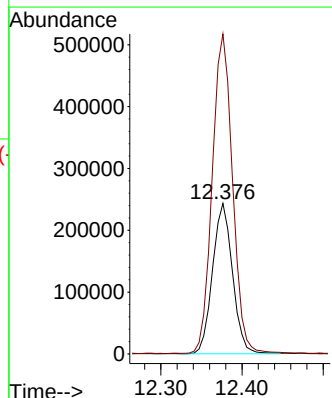
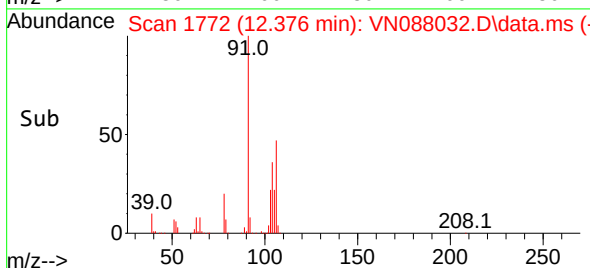
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

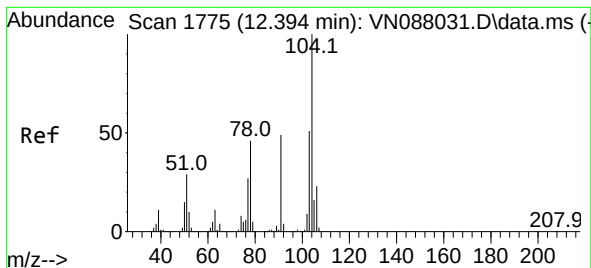


#68
o-Xylene
Concen: 48.257 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



Tgt Ion:106 Resp: 415634
Ion Ratio Lower Upper
106 100
91 216.6 105.2 315.6





#69

Styrene

Concen: 50.151 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

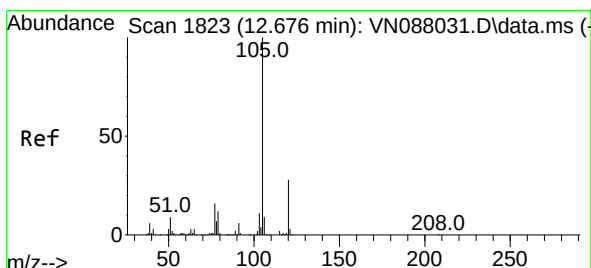
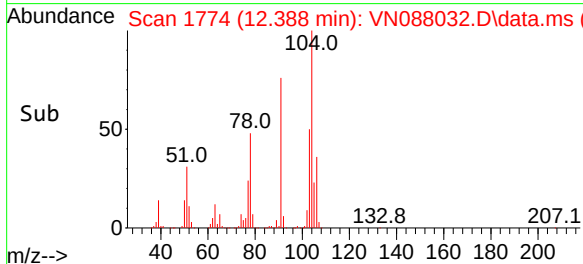
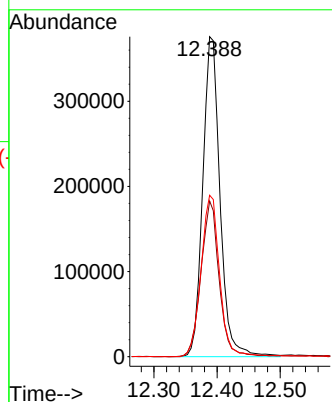
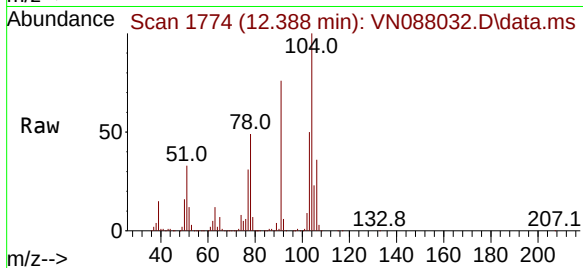
Tgt Ion:104 Resp: 714533
 Ion Ratio Lower Upper
 104 100
 78 50.8 41.8 62.6
 103 54.2 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#70

Isopropylbenzene

Concen: 49.025 ug/l

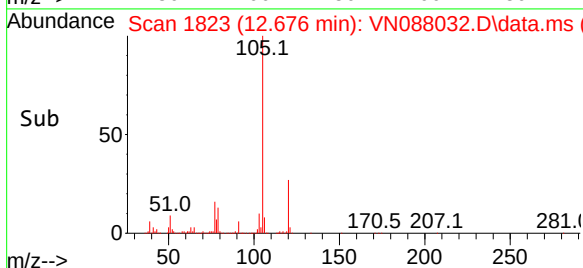
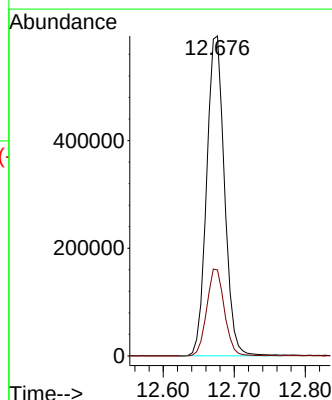
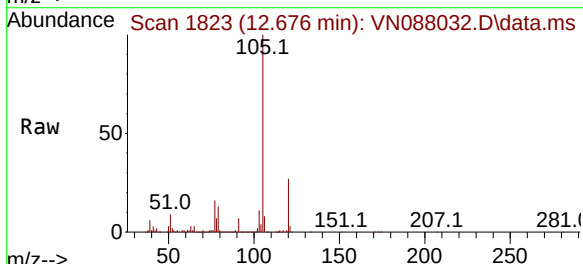
RT: 12.676 min Scan# 1823

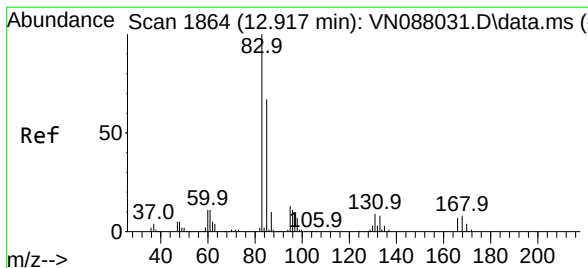
Delta R.T. 0.000 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

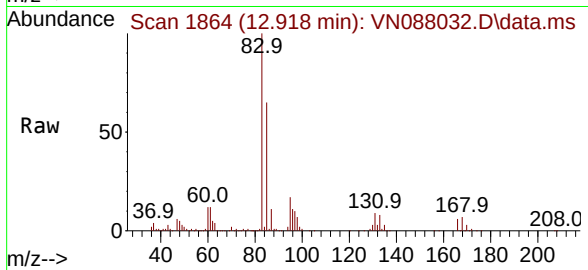
Tgt Ion:105 Resp: 1034903
 Ion Ratio Lower Upper
 105 100
 120 27.1 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 48.801 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

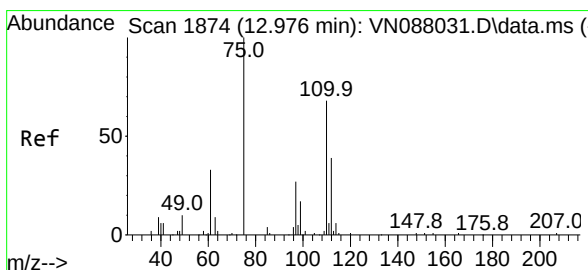
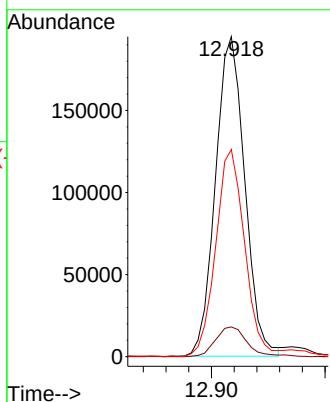
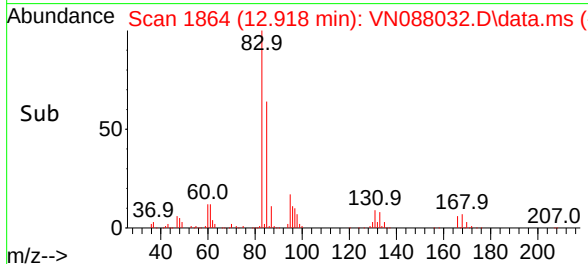
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



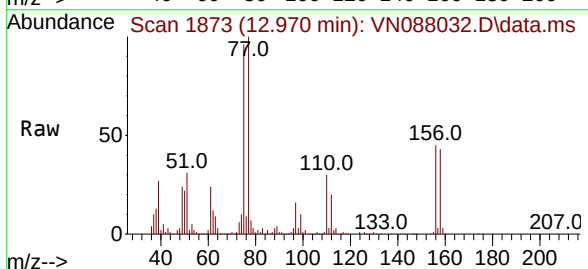
Tgt Ion: 83 Resp: 34926
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 63.5 32.4 97.2

Manual Integrations
APPROVED

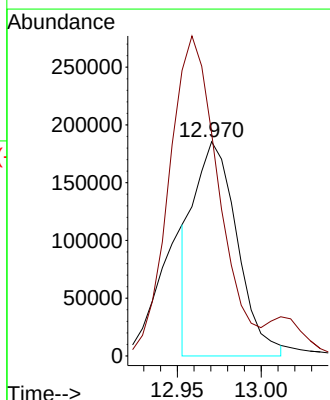
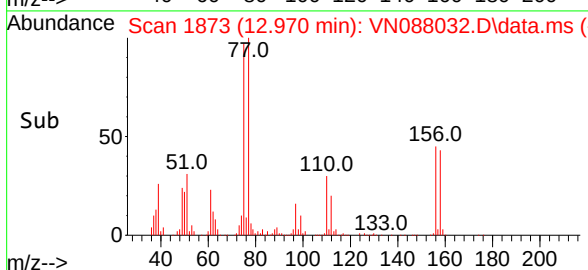
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

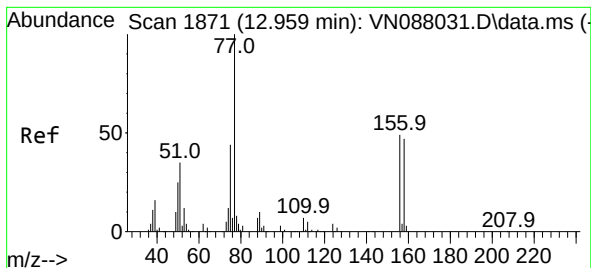


#72
1,2,3-Trichloropropane
Concen: 47.774 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



Tgt Ion: 75 Resp: 331890
Ion Ratio Lower Upper
75 100
77 172.1 0.0 364.0





#73

Bromobenzene

Concen: 49.554 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

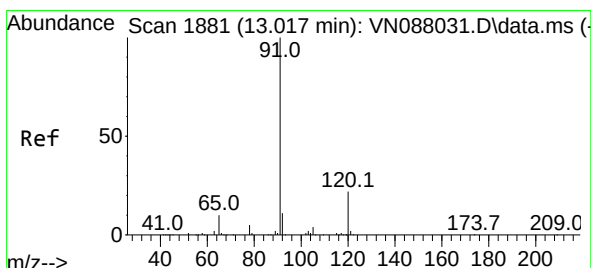
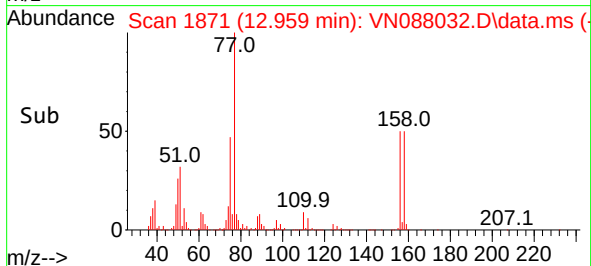
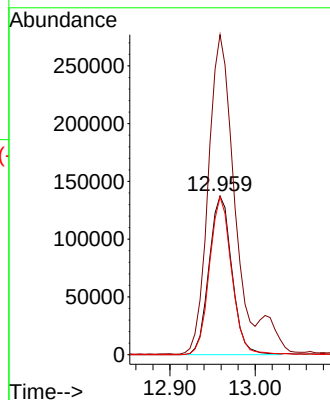
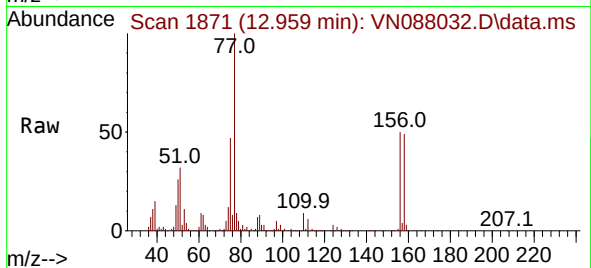
Tgt Ion:	156	Resp:	255670
Ion Ratio	Lower	Upper	
156	100		
77	223.4	0.0	439.8
158	96.2	0.0	190.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#74

n-propylbenzene

Concen: 49.187 ug/l

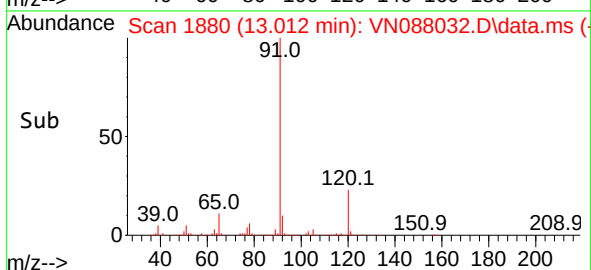
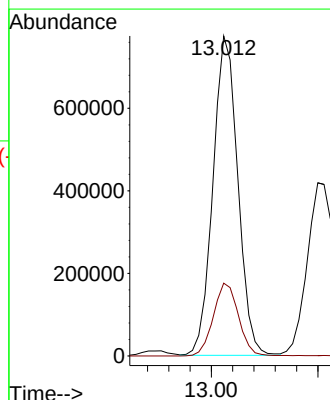
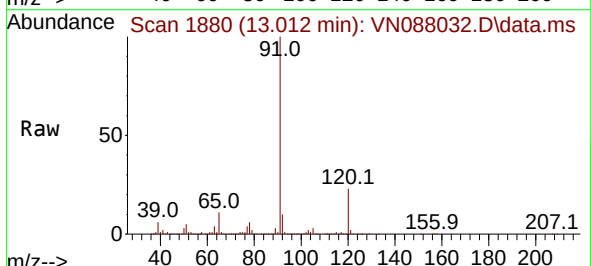
RT: 13.012 min Scan# 1880

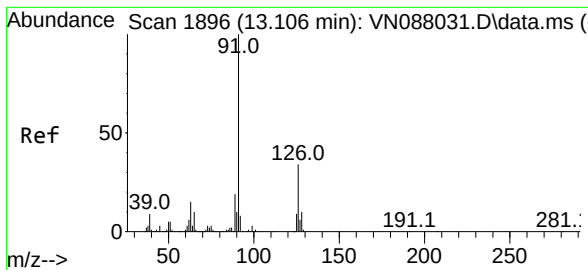
Delta R.T. -0.006 min

Lab File: VN088032.D

Acq: 08 Oct 2025 10:30

Tgt Ion:	91	Resp:	1253446
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.2





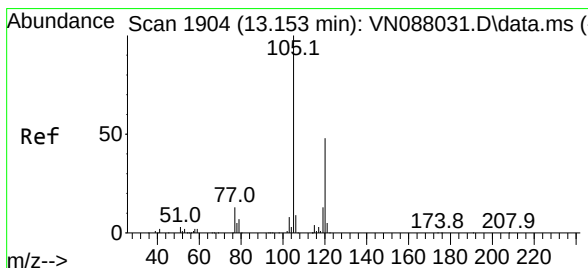
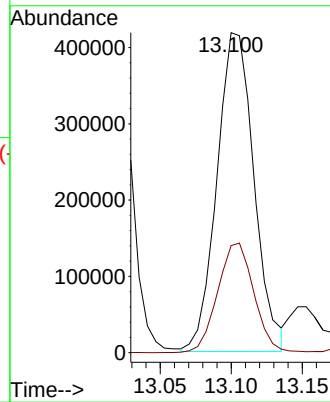
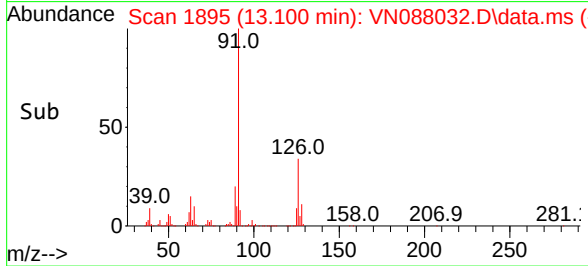
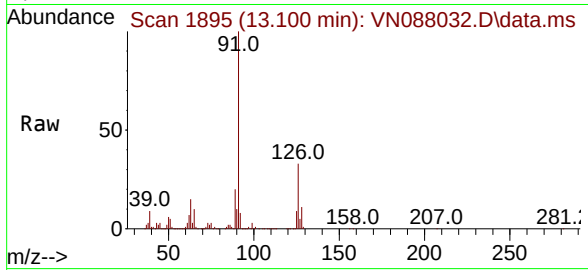
#75
2-Chlorotoluene
Concen: 48.738 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 75941
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.6

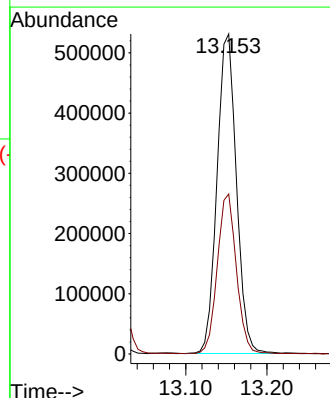
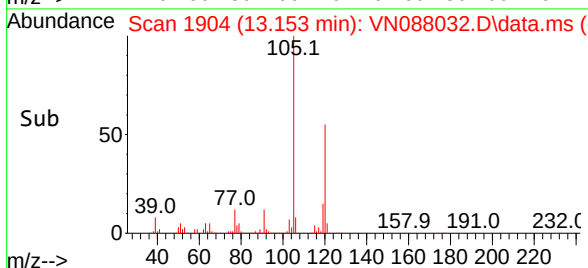
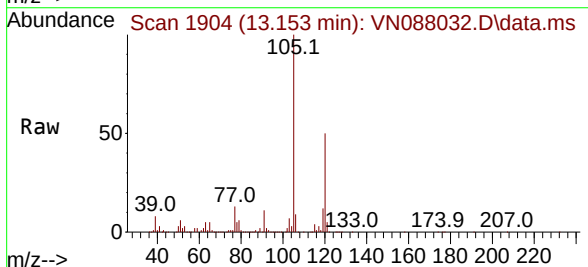
Manual Integrations
APPROVED

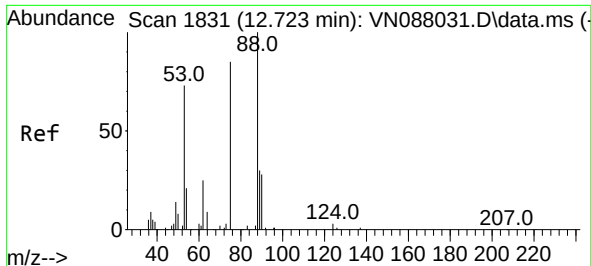
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 49.143 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

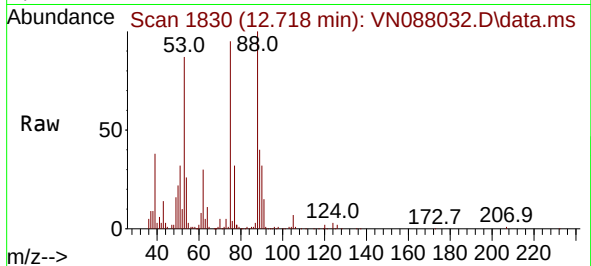
Tgt Ion:105 Resp: 881209
Ion Ratio Lower Upper
105 100
120 49.4 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 50.413 ug/l
RT: 12.718 min Scan# 1831
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

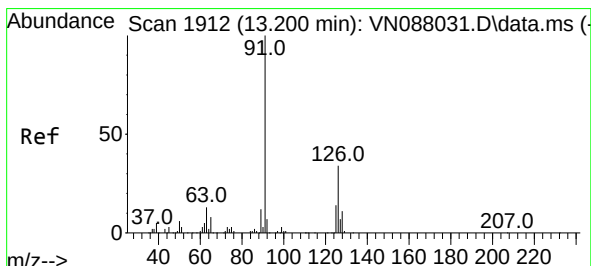
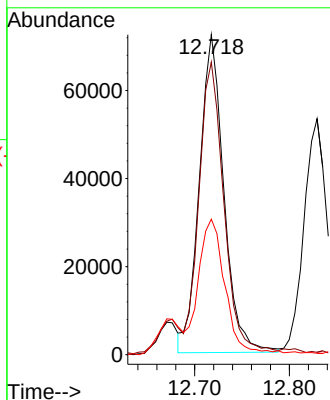
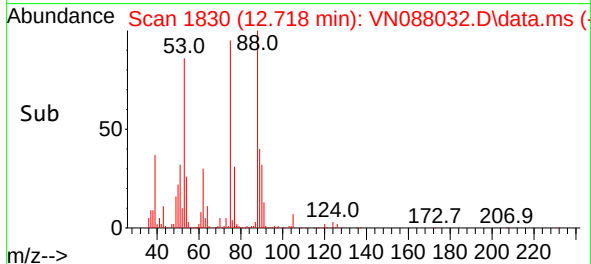
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 12960
Ion Ratio Lower Upper
75 100
53 91.8 41.8 125.3
89 41.9 19.9 59.6

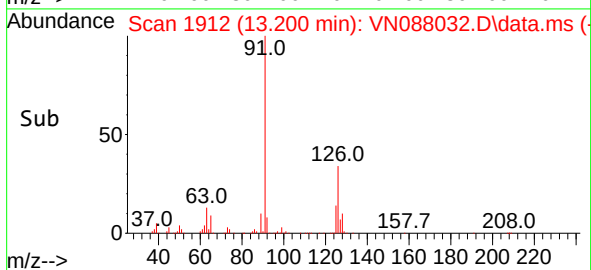
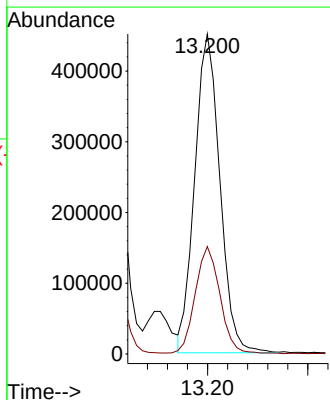
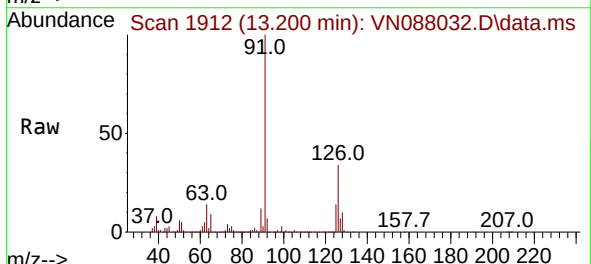
Manual Integrations
APPROVED

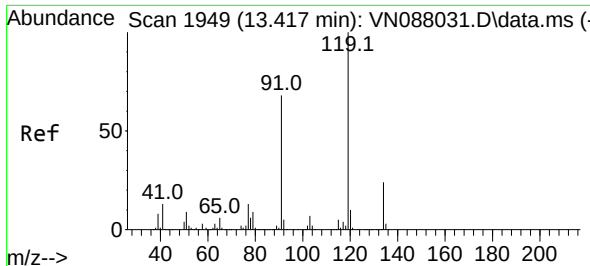
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#78
4-Chlorotoluene
Concen: 49.593 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

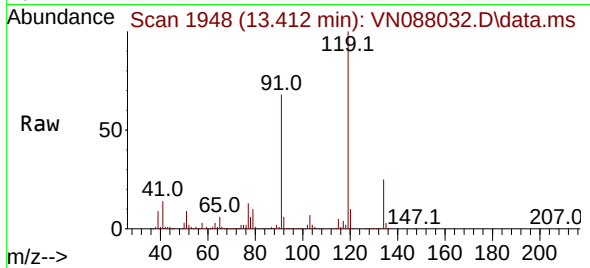
Tgt Ion: 91 Resp: 785069
Ion Ratio Lower Upper
91 100
126 33.3 0.0 68.8





#79
tert-butylbenzene
Concen: 49.475 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

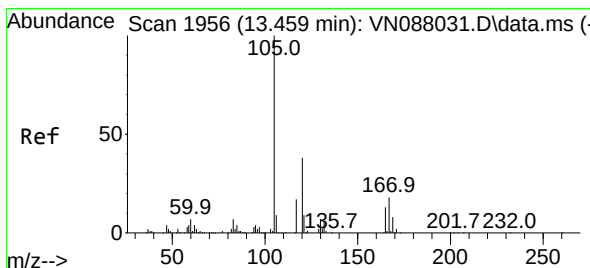
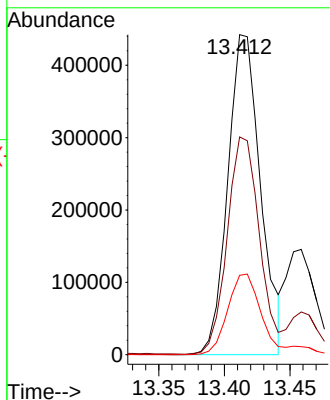
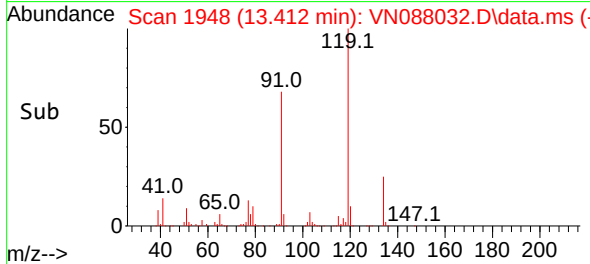
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:119 Resp: 769068
Ion Ratio Lower Upper
119 100
91 66.6 0.0 132.4
134 25.4 0.0 48.6

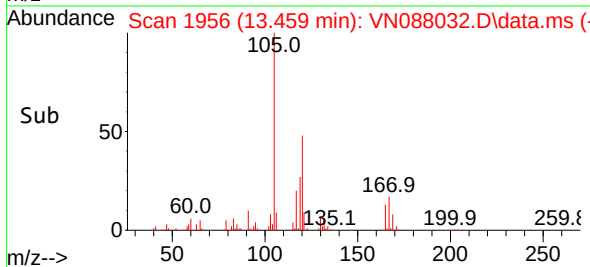
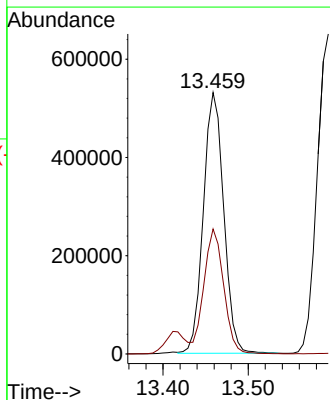
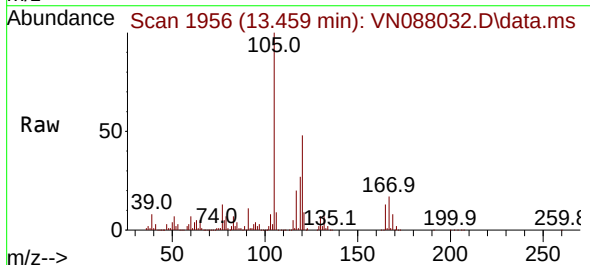
Manual Integrations
APPROVED

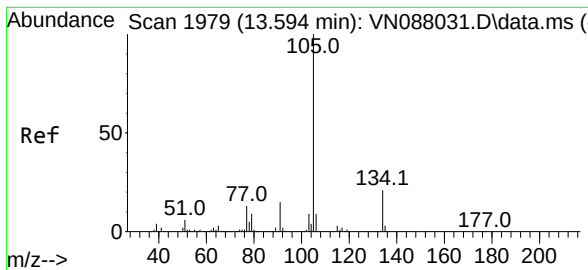
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 49.081 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Tgt Ion:105 Resp: 881036
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.8





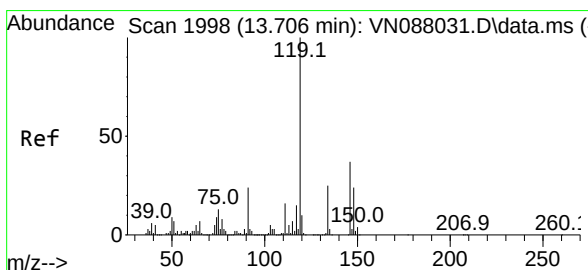
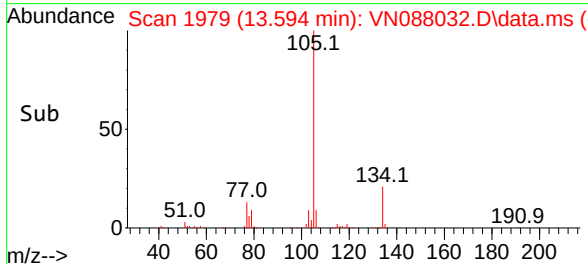
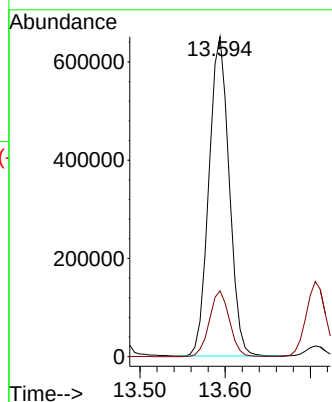
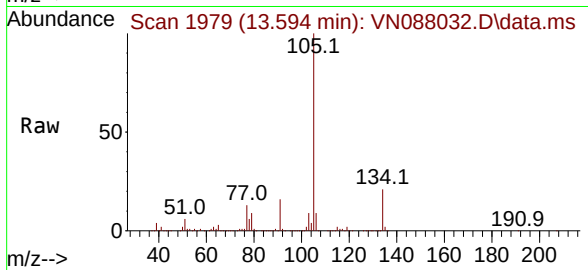
#81
 sec-Butylbenzene
 Concen: 49.110 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088032.D
 Acq: 08 Oct 2025 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 107333
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.2

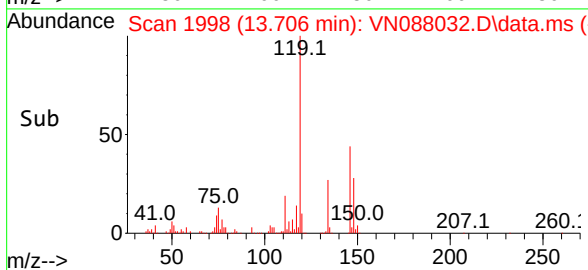
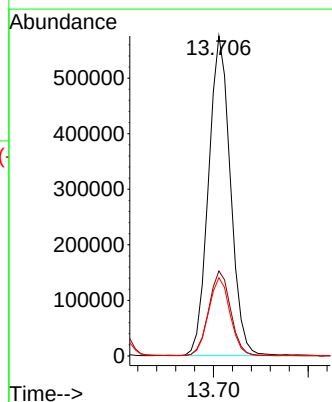
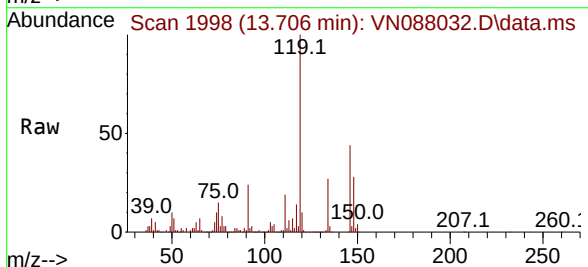
Manual Integrations
 APPROVED

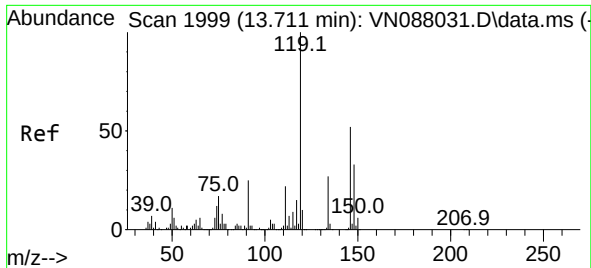
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#82
 p-Isopropyltoluene
 Concen: 49.458 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088032.D
 Acq: 08 Oct 2025 10:30

Tgt Ion:119 Resp: 922870
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.6
 91 23.9 0.0 48.2





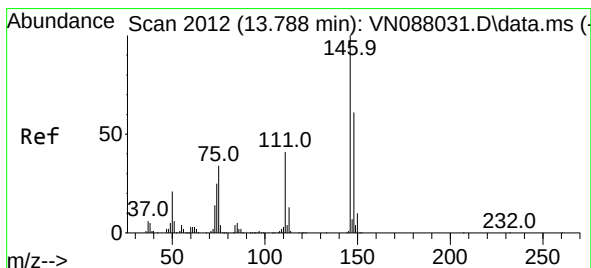
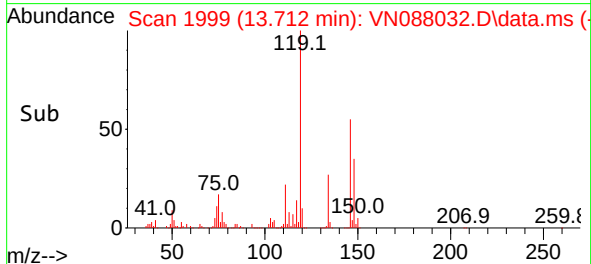
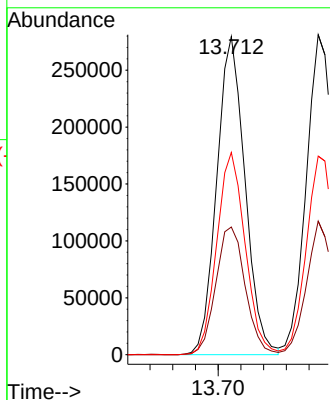
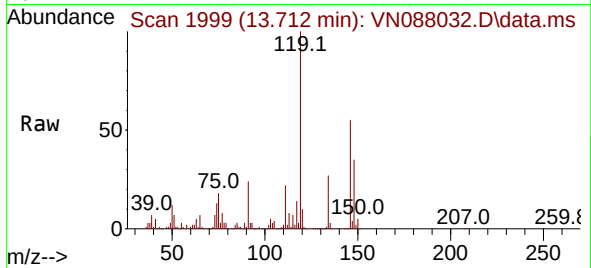
#83
1,3-Dichlorobenzene
Concen: 49.826 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:146 Resp: 483694
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.1
148 63.8 31.5 94.5

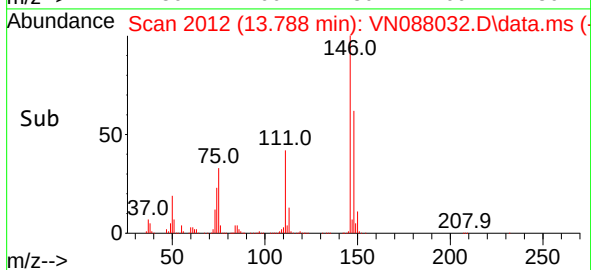
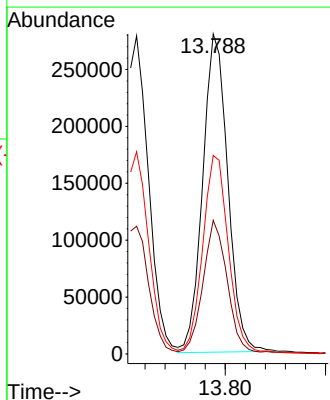
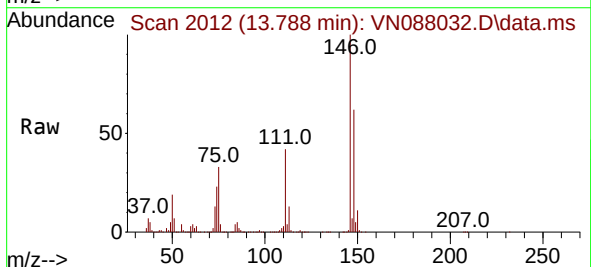
Manual Integrations
APPROVED

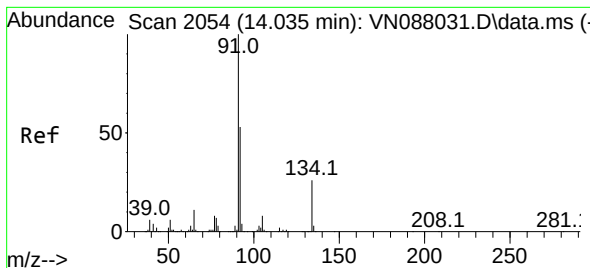
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#84
1,4-Dichlorobenzene
Concen: 48.552 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

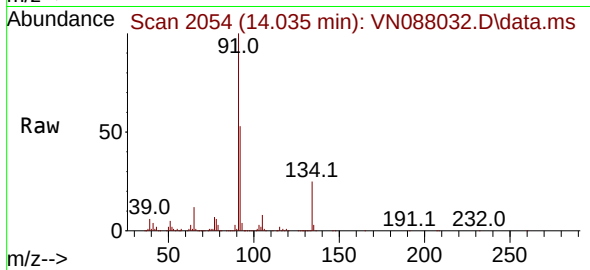
Tgt Ion:146 Resp: 486086
Ion Ratio Lower Upper
146 100
111 39.3 20.5 61.6
148 64.2 31.9 95.9





#85
n-Butylbenzene
Concen: 49.601 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

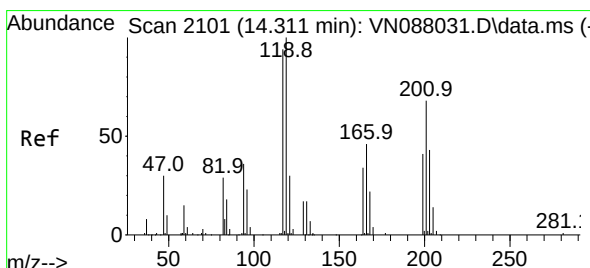
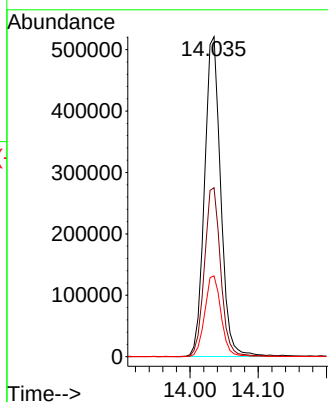
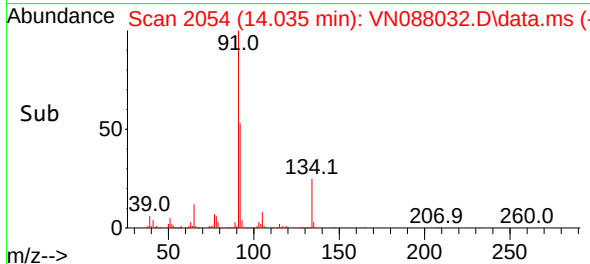
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 861074
Ion Ratio Lower Upper
91 100
92 52.8 0.0 107.6
134 25.5 0.0 52.6

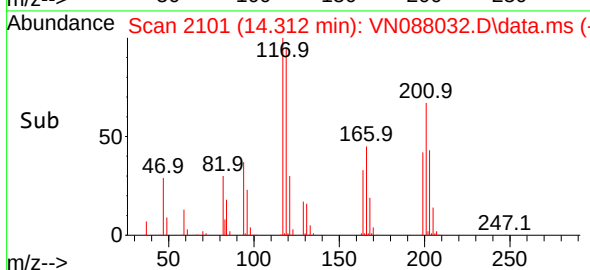
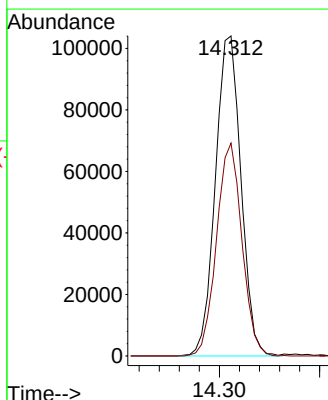
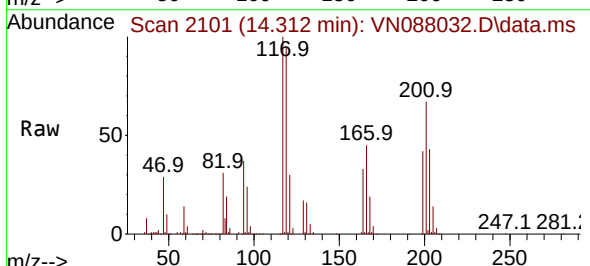
Manual Integrations
APPROVED

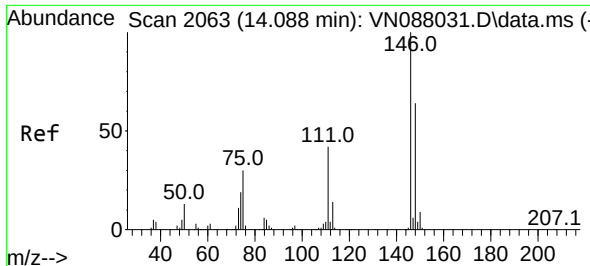
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#86
Hexachloroethane
Concen: 49.313 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Tgt Ion:117 Resp: 184332
Ion Ratio Lower Upper
117 100
201 65.9 34.8 104.3





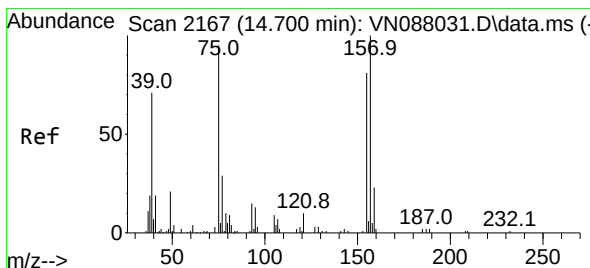
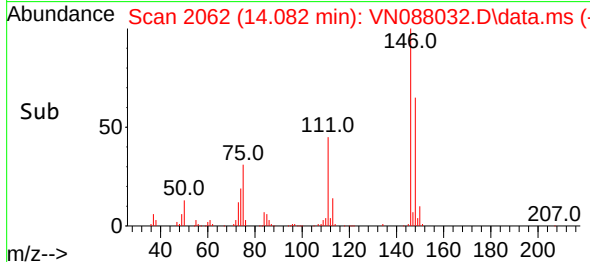
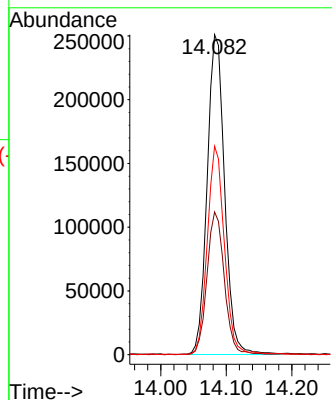
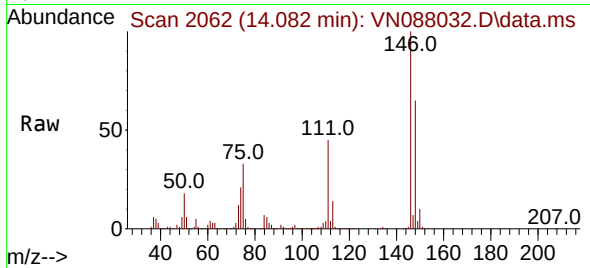
#87
1,2-Dichlorobenzene
Concen: 48.621 ug/l
RT: 14.082 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:146 Resp: 464249
Ion Ratio Lower Upper
146 100
111 44.1 22.3 66.8
148 63.1 31.4 94.3

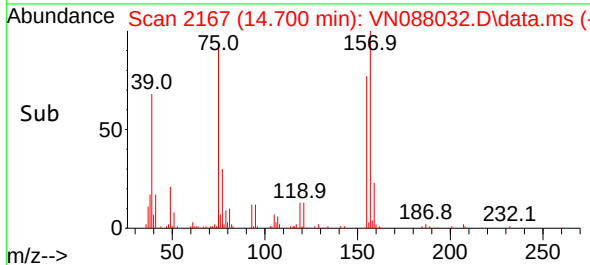
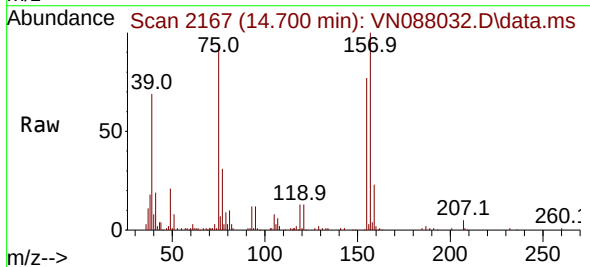
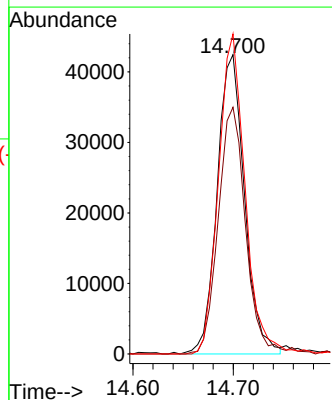
Manual Integrations
APPROVED

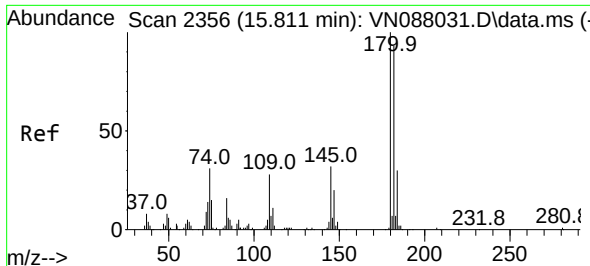
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 49.043 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

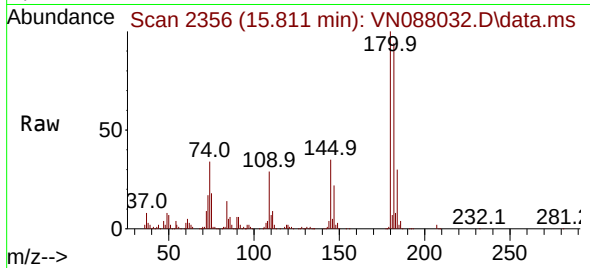
Tgt Ion: 75 Resp: 80611
Ion Ratio Lower Upper
75 100
155 81.8 63.5 95.3
157 103.4 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 48.506 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

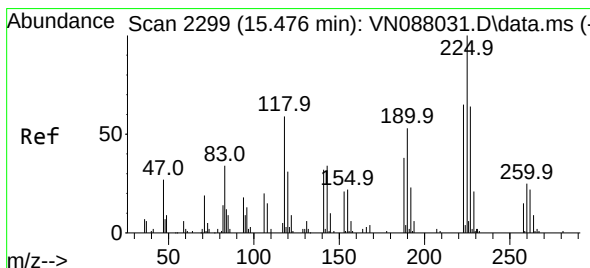
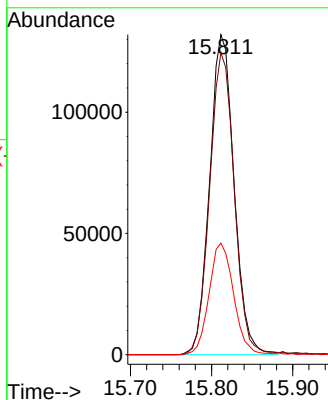
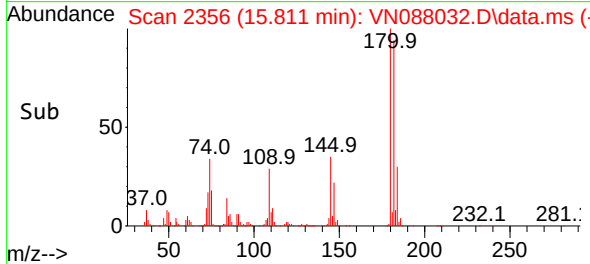
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



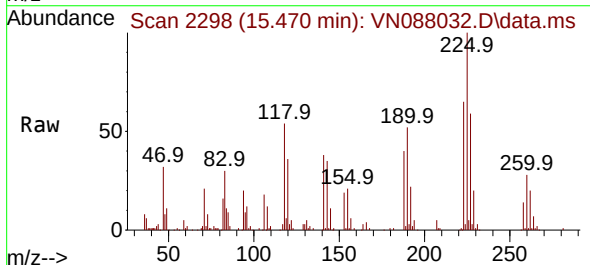
Tgt Ion:180 Resp: 275870
Ion Ratio Lower Upper
180 100
182 95.2 74.6 112.0
145 35.0 27.2 40.8

Manual Integrations
APPROVED

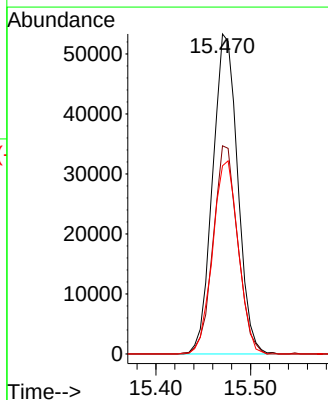
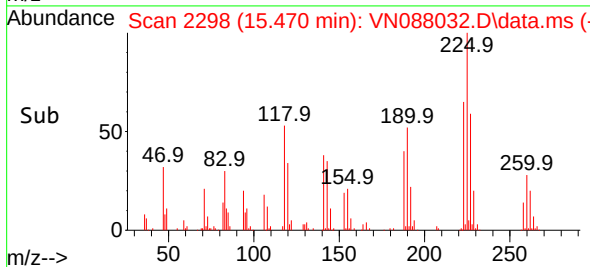
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

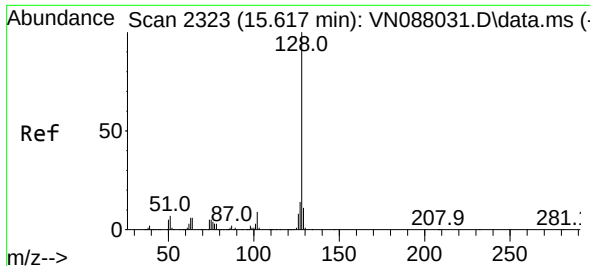


#90
Hexachlorobutadiene
Concen: 49.524 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30



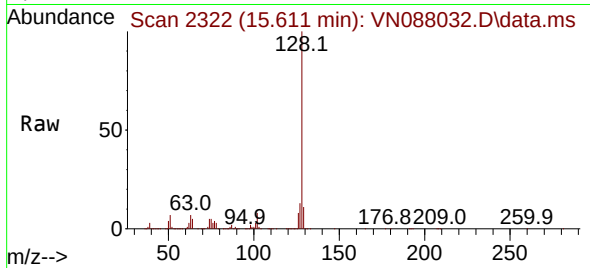
Tgt Ion:225 Resp: 98031
Ion Ratio Lower Upper
225 100
223 63.7 0.0 129.6
227 61.8 0.0 132.2





#91
Naphthalene
Concen: 48.760 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

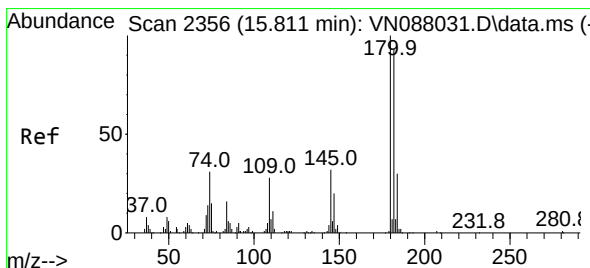
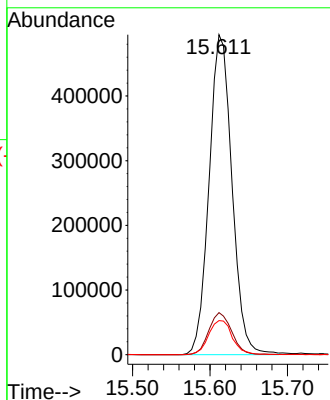
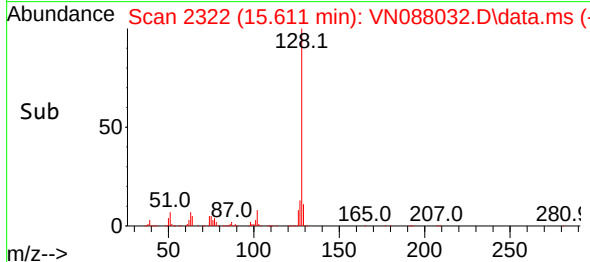
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 1015294
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 48.506 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088032.D
Acq: 08 Oct 2025 10:30

Tgt Ion:180 Resp: 275876
Ion Ratio Lower Upper
180 100
182 95.2 0.0 186.6
145 35.0 0.0 68.0

