

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087295.D
 Acq On : 08 Jul 2025 12:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/09/2025
 Supervised By : Mahesh Dadoda 07/09/2025

Quant Time: Jul 09 01:30:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	231416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	368472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	365773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	228701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145354	50.046	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%			
35) Dibromofluoromethane	8.171	113	124584	52.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	10.565	98	470499	51.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.847	95	186499	56.997	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	131336	58.318	ug/l	99
3) Chloromethane	2.395	50	107578	58.827	ug/l	94
4) Vinyl Chloride	2.553	62	130987	58.261	ug/l	97
5) Bromomethane	2.983	94	107142	52.223	ug/l	98
6) Chloroethane	3.153	64	90583	50.865	ug/l	96
7) Trichlorofluoromethane	3.530	101	190914	48.936	ug/l	96
8) Diethyl Ether	3.983	74	67695	54.373	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.400	101	112060	49.474	ug/l	98
10) Methyl Iodide	4.618	142	138430	61.592	ug/l	97
11) Tert butyl alcohol	5.536	59	132416	250.160	ug/l	99
12) 1,1-Dichloroethene	4.371	96	107073	49.759	ug/l	97
13) Acrolein	4.200	56	115527	315.116	ug/l	98
14) Allyl chloride	5.047	41	128697	48.801	ug/l	98
15) Acrylonitrile	5.730	53	329523	250.057	ug/l	100
16) Acetone	4.447	43	330254	297.419	ug/l	98
17) Carbon Disulfide	4.736	76	293634	45.482	ug/l	97
18) Methyl Acetate	5.047	43	138697	54.562	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	391254	51.880	ug/l	99
20) Methylene Chloride	5.294	84	122856	49.945	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	122672	47.179	ug/l	97
22) Diisopropyl ether	6.683	45	312505	49.493	ug/l	97
23) Vinyl Acetate	6.618	43	1471418	251.978	ug/l	99
24) 1,1-Dichloroethane	6.583	63	203387	49.164	ug/l	98
25) 2-Butanone	7.488	43	460741	265.514	ug/l	100
26) 2,2-Dichloropropane	7.500	77	197991	50.015	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	148674	49.511	ug/l	100
28) Bromochloromethane	7.824	49	92029	50.399	ug/l	97
29) Tetrahydrofuran	7.847	42	291677	260.844	ug/l	99
30) Chloroform	7.977	83	232477	50.700	ug/l	100
31) Cyclohexane	8.265	56	165197	41.764	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	209618	49.087	ug/l	95
36) 1,1-Dichloropropene	8.377	75	158248	49.322	ug/l	99
37) Ethyl Acetate	7.565	43	180347	52.289	ug/l	99
38) Carbon Tetrachloride	8.371	117	189978	52.255	ug/l	96
39) Methylcyclohexane	9.600	83	184496	48.286	ug/l	99
40) Benzene	8.612	78	497701	50.070	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	85659	51.943	ug/l	98
42) 1,2-Dichloroethane	8.677	62	175315	53.035	ug/l	100
43) Isopropyl Acetate	8.694	43	283127	52.933	ug/l	99
44) Trichloroethene	9.359	130	131829	49.912	ug/l	97
45) 1,2-Dichloropropane	9.624	63	118374	54.619	ug/l	93
46) Dibromomethane	9.712	93	99651	54.049	ug/l	98
47) Bromodichloromethane	9.888	83	185691	52.808	ug/l	99
48) Methyl methacrylate	9.682	41	121461	53.879	ug/l	98
49) 1,4-Dioxane	9.700	88	47270	1006.641	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	919010	280.815	ug/l	98
52) Toluene	10.629	92	343443	52.684	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201815	53.510	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	205354	53.441	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	133807	54.336	ug/l	98
56) Ethyl methacrylate	10.876	69	190432	52.782	ug/l	99
57) 1,3-Dichloropropane	11.165	76	220346	54.823	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	523216	274.391	ug/l	99
59) 2-Hexanone	11.200	43	638317	272.295	ug/l	98
60) Dibromochloromethane	11.359	129	166889	57.489	ug/l	99
61) 1,2-Dibromoethane	11.471	107	146495	55.303	ug/l	97
64) Tetrachloroethene	11.106	164	119723	49.091	ug/l	96
65) Chlorobenzene	11.888	112	418292	50.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	148227	52.303	ug/l	99
67) Ethyl Benzene	11.965	91	682945	51.423	ug/l	99
68) m/p-Xylenes	12.070	106	566705	106.802	ug/l	97
69) o-Xylene	12.394	106	267077	53.807	ug/l	97
70) Styrene	12.412	104	464405	55.054	ug/l	99
71) Bromoform	12.576	173	126981	58.078	ug/l #	100
73) Isopropylbenzene	12.694	105	699716	47.483	ug/l	100
74) N-amyl acetate	12.518	43	228431m	47.138	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	236605	48.813	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	201144m	46.239	ug/l	
77) Bromobenzene	12.976	156	184740	48.025	ug/l	96
78) n-propylbenzene	13.035	91	858767	48.245	ug/l	100
79) 2-Chlorotoluene	13.123	91	503494	47.528	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	611421	49.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	88731	47.912	ug/l	99
82) 4-Chlorotoluene	13.217	91	544384	49.090	ug/l	97
83) tert-Butylbenzene	13.435	119	540634	50.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	653002	52.923	ug/l	99
85) sec-Butylbenzene	13.612	105	782550	51.158	ug/l	99
86) p-Isopropyltoluene	13.729	119	678777	51.624	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	387407	50.571	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	383160	47.902	ug/l	99
89) n-Butylbenzene	14.053	91	589945	50.960	ug/l	99
90) Hexachloroethane	14.329	117	123515	50.750	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	361120	50.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	58565	50.277	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	200711	47.374	ug/l	99
94) Hexachlorobutadiene	15.500	225	59201	43.988	ug/l	96
95) Naphthalene	15.635	128	735644	50.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	196618	47.635	ug/l	99

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QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

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

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Client SampleId :

VSTDCCC050

Manual Integrations

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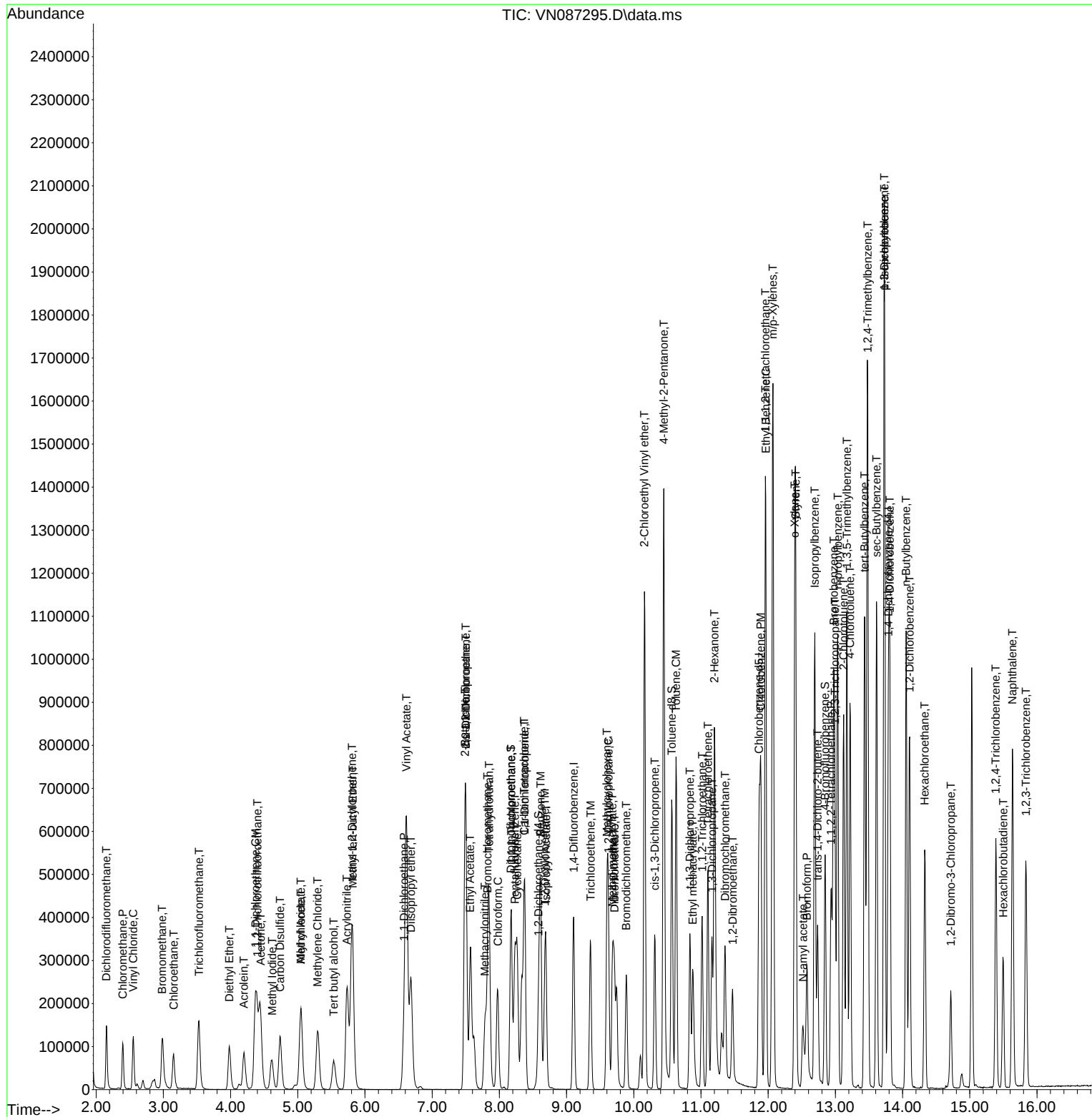
Quant Time: Jul 09 01:30:23 2025

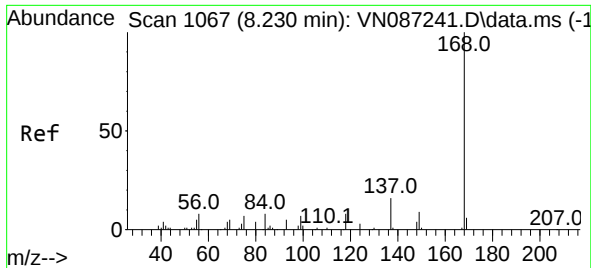
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M

Quant Title : SW846 8260

QLast Update : Tue Jul 01 03:15:00 2025

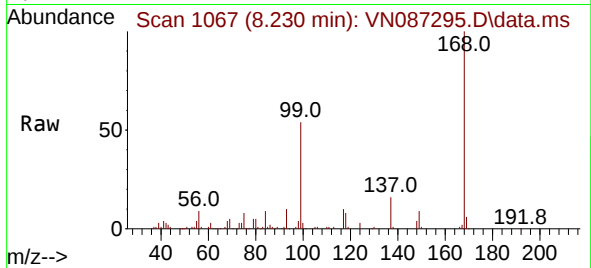
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

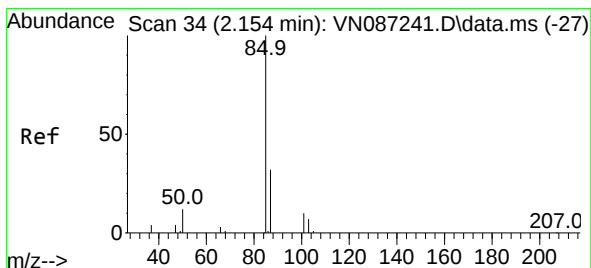
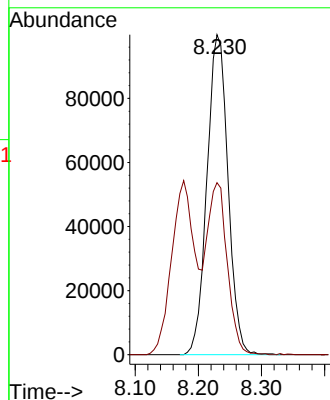
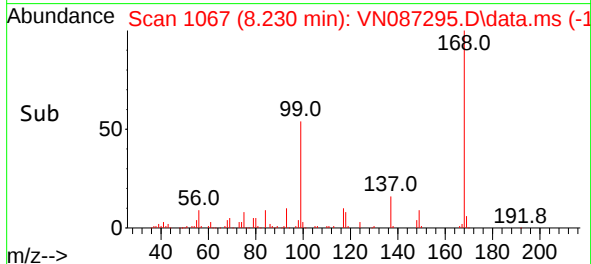
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Tgt Ion:168 Resp: 231410
Ion Ratio Lower Upper
168 100
99 53.4 42.6 64.0

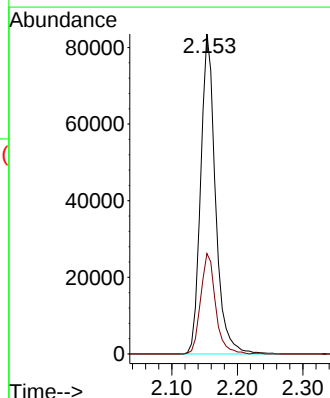
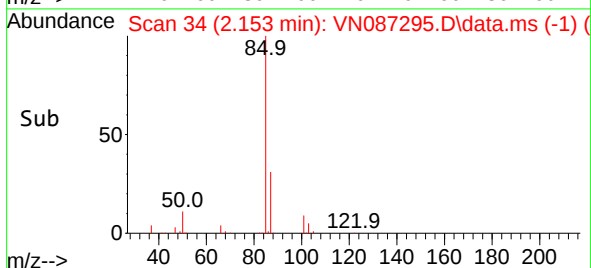
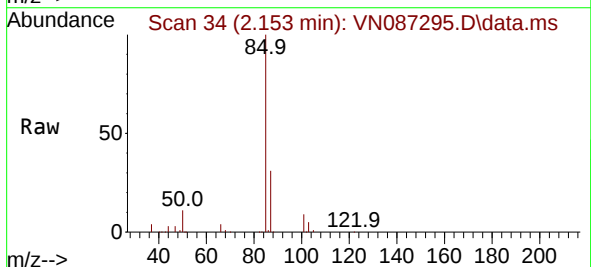
Manual Integrations
APPROVED

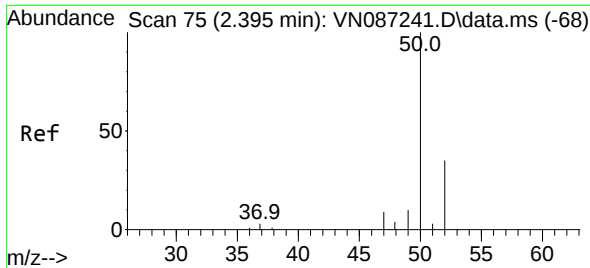
Reviewed By :John Carlone 07/09/2025
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#2
Dichlorodifluoromethane
Concen: 58.318 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

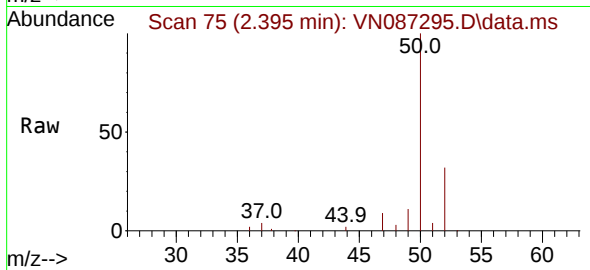
Tgt Ion: 85 Resp: 131336
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.3





#3
Chloromethane
Concen: 58.827 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

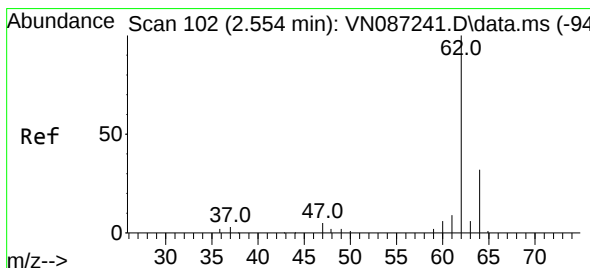
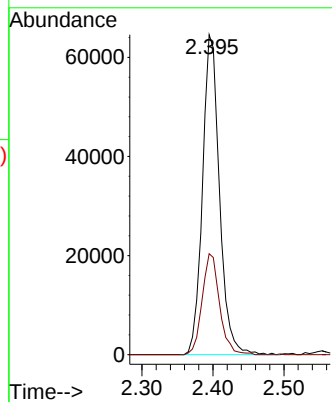
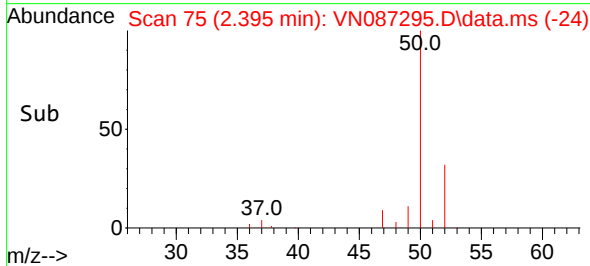
Instrument :
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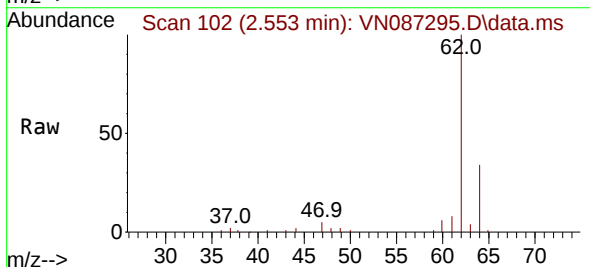
Tgt Ion: 50 Resp: 107578
Ion Ratio Lower Upper
50 100
52 31.6 27.8 41.8

Manual Integrations
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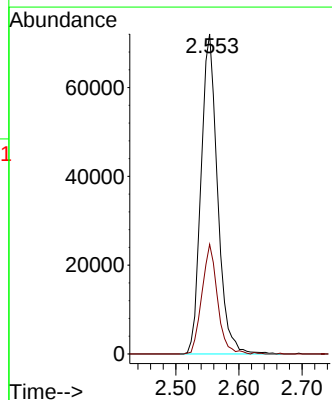
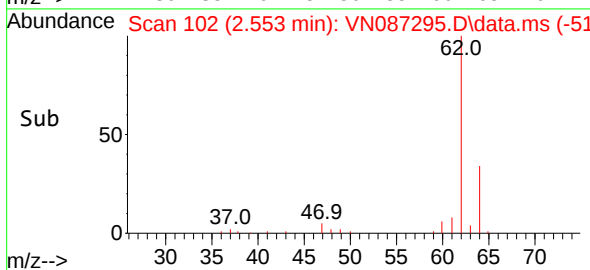
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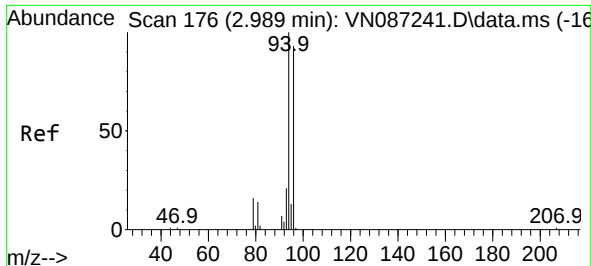


#4
Vinyl Chloride
Concen: 58.261 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



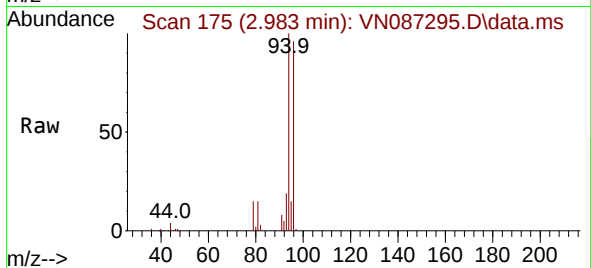
Tgt Ion: 62 Resp: 130987
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0





#5
Bromomethane
Concen: 52.223 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087295.D
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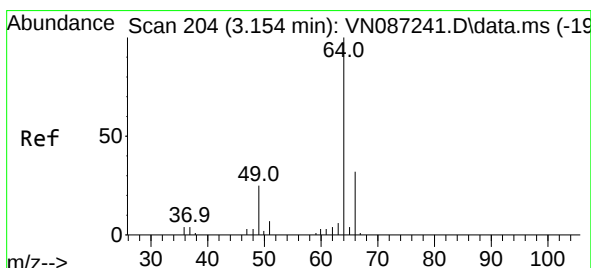
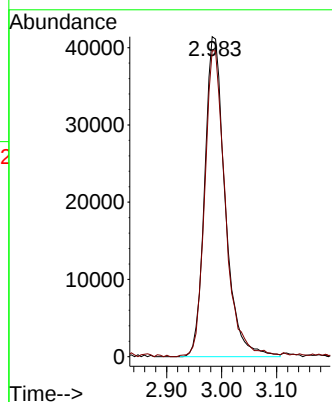
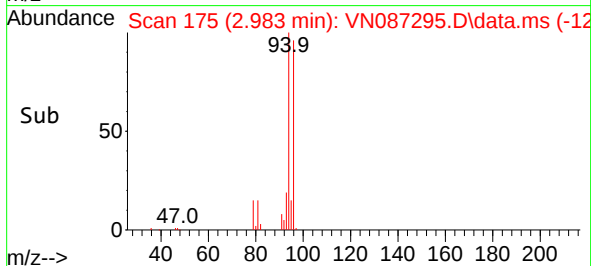
Instrument :
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Tgt Ion: 94 Resp: 10714
Ion Ratio Lower Upper
94 100
96 95.2 74.3 111.5

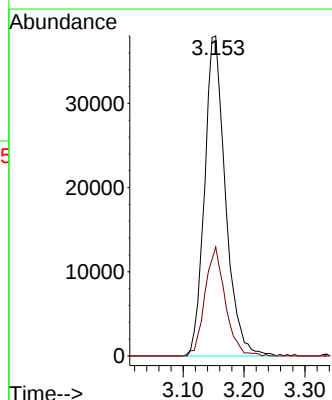
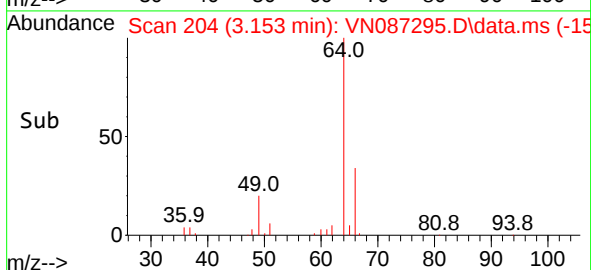
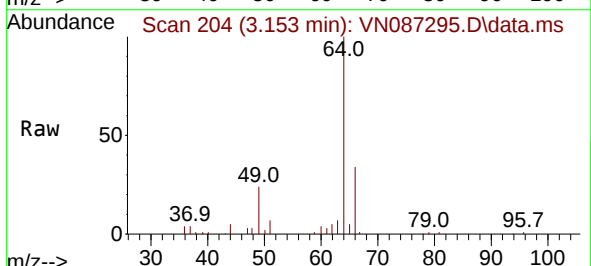
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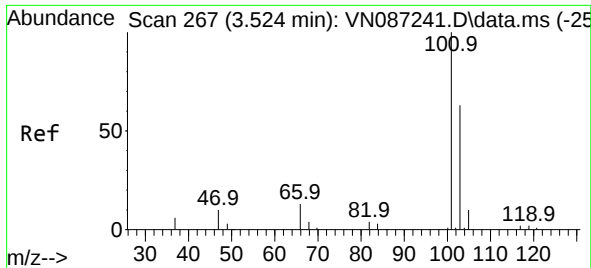
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#6
Chloroethane
Concen: 50.865 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

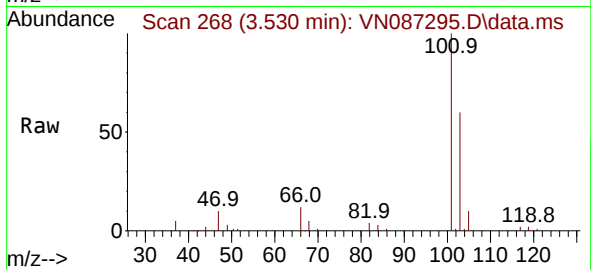
Tgt Ion: 64 Resp: 90583
Ion Ratio Lower Upper
64 100
66 34.0 25.3 37.9





#7
Trichlorofluoromethane
Concen: 48.936 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

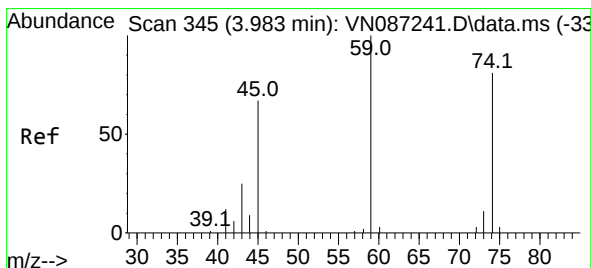
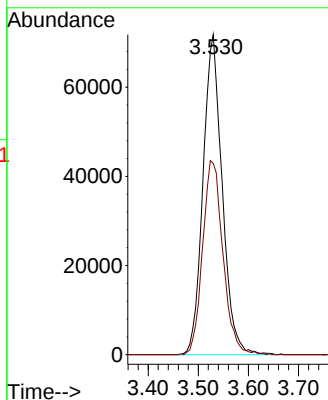
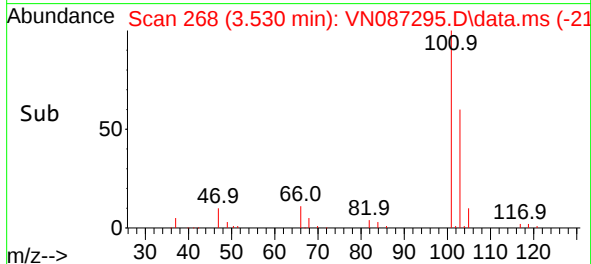
Instrument :
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Tgt Ion:101 Resp: 190914
Ion Ratio Lower Upper
101 100
103 59.8 50.5 75.7

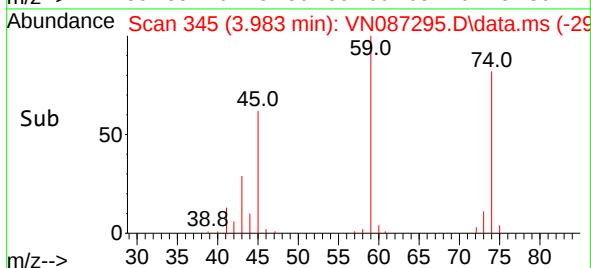
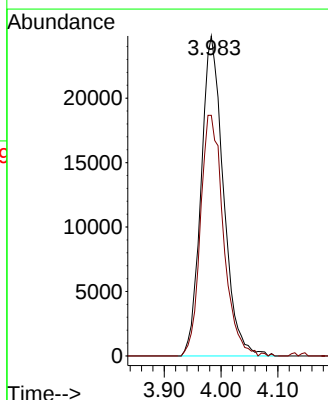
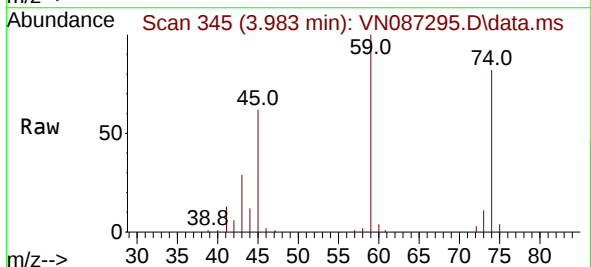
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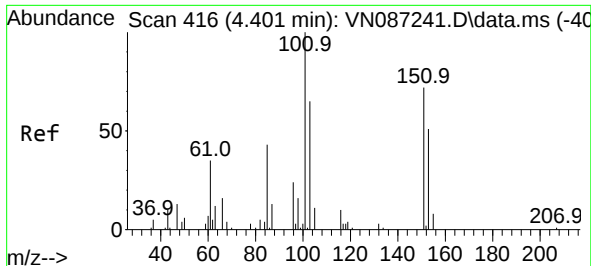
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#8
Diethyl Ether
Concen: 54.373 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

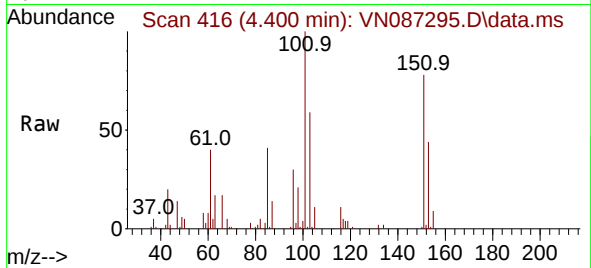
Tgt Ion: 74 Resp: 67695
Ion Ratio Lower Upper
74 100
45 77.3 39.4 118.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.474 ug/l
RT: 4.400 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

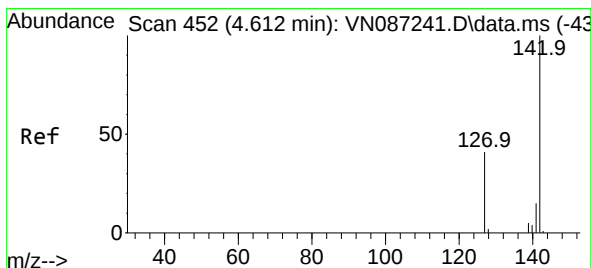
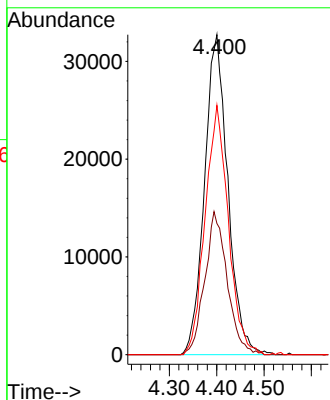
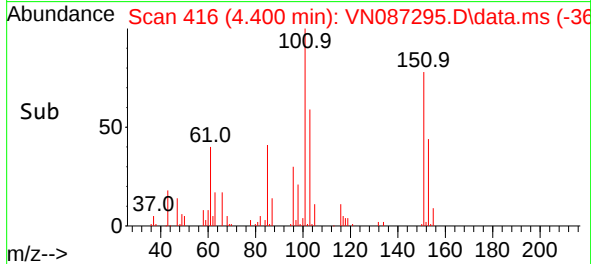
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



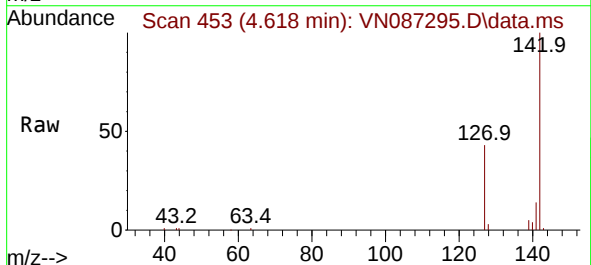
Tgt Ion:101 Resp: 112060
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 77.5 63.8 95.8

Manual Integrations
APPROVED

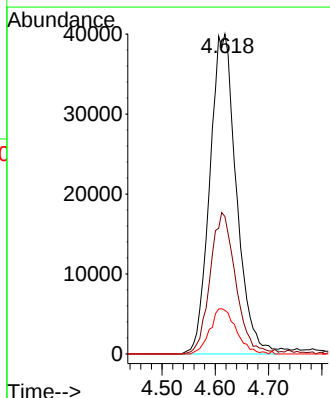
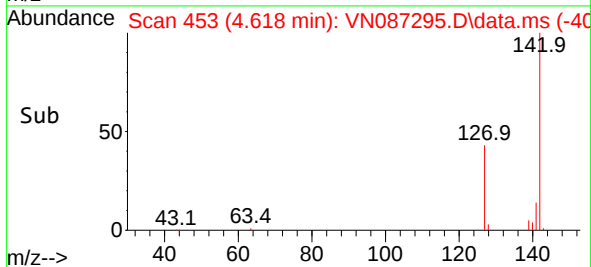
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

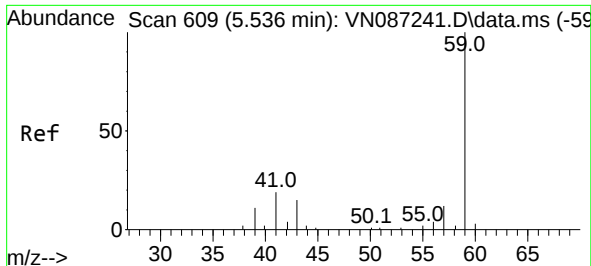


#10
Methyl Iodide
Concen: 61.592 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



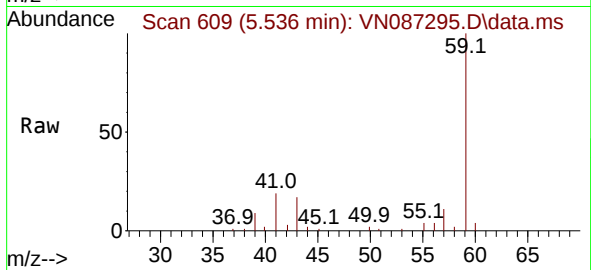
Tgt Ion:142 Resp: 138430
Ion Ratio Lower Upper
142 100
127 43.0 32.8 49.2
141 13.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 250.160 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

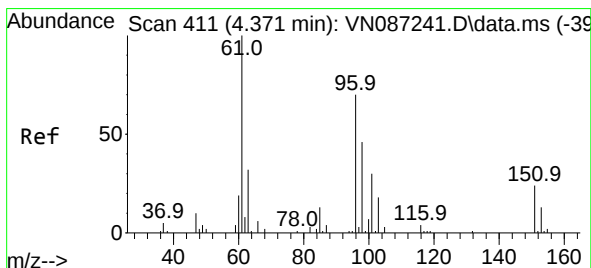
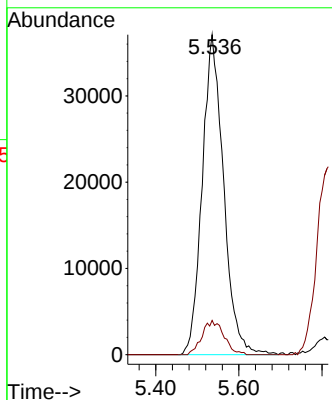
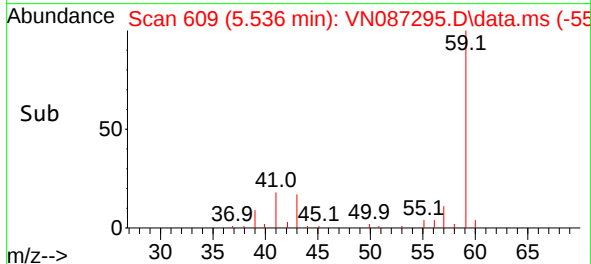
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



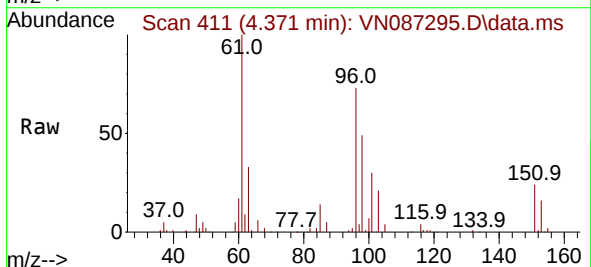
Tgt Ion: 59 Resp: 132410
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
APPROVED

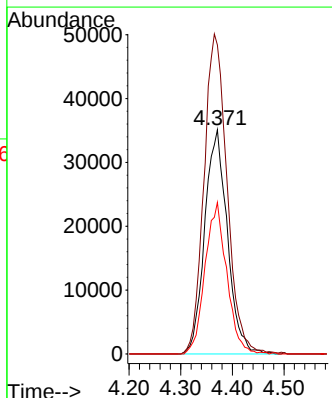
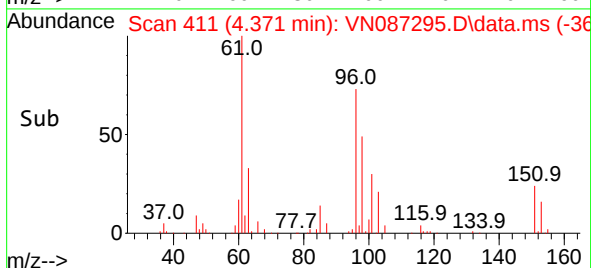
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

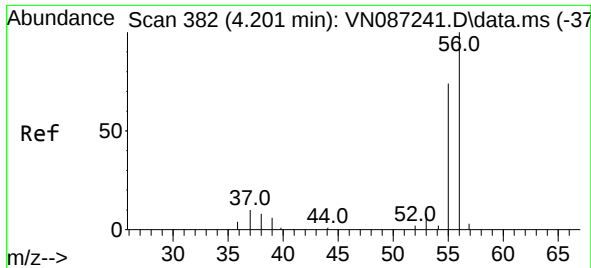


#12
1,1-Dichloroethene
Concen: 49.759 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



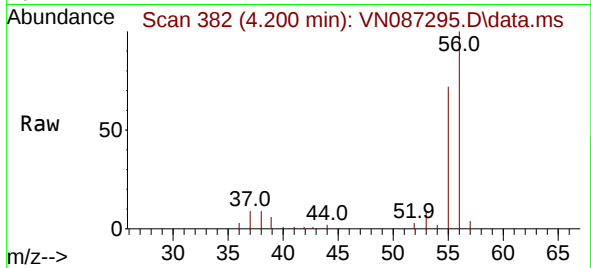
Tgt Ion: 96 Resp: 107073
Ion Ratio Lower Upper
96 100
61 137.8 114.4 171.6
98 67.6 53.0 79.6





#13
Acrolein
Concen: 315.116 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

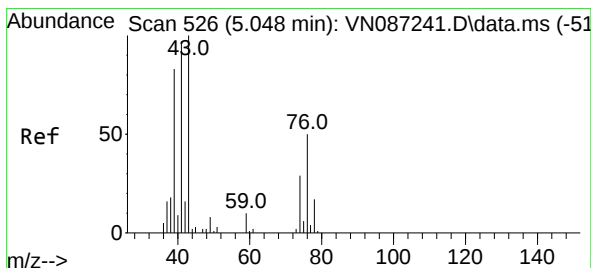
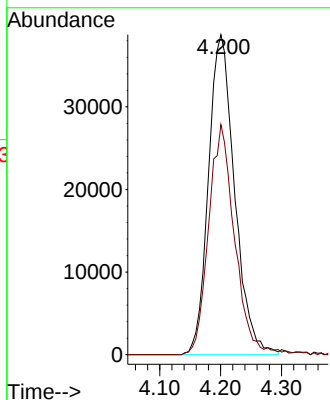
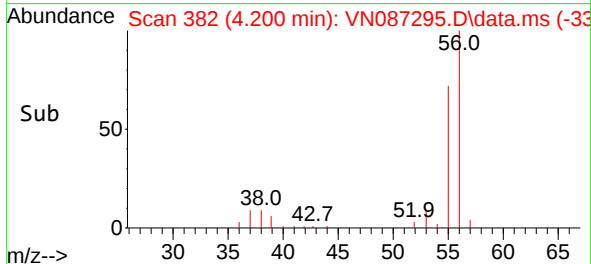
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 115527
Ion Ratio Lower Upper
56 100
55 71.5 58.6 88.0

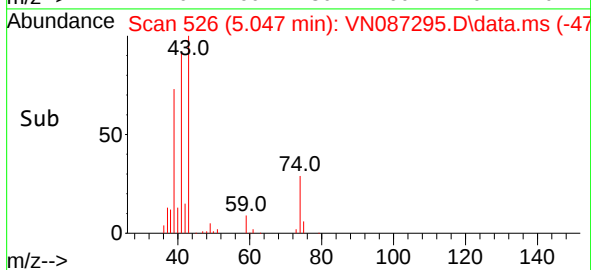
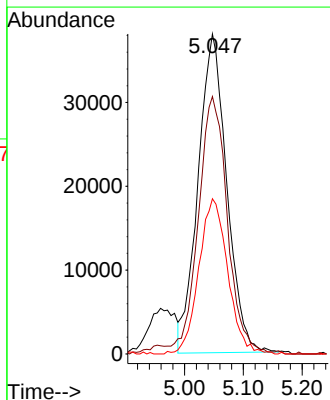
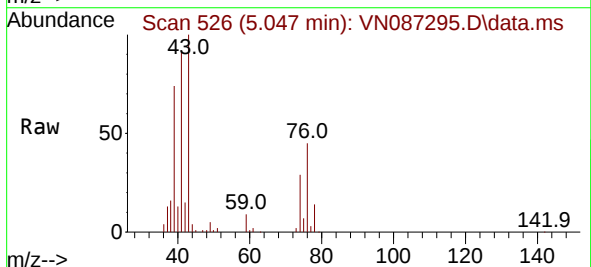
Manual Integrations
APPROVED

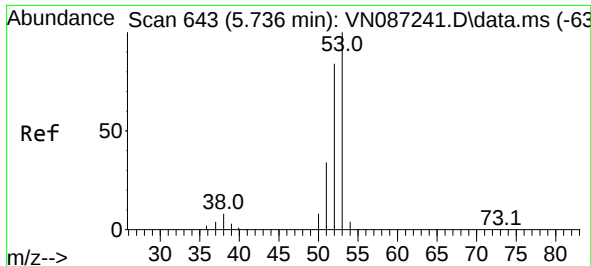
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#14
Allyl chloride
Concen: 48.801 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

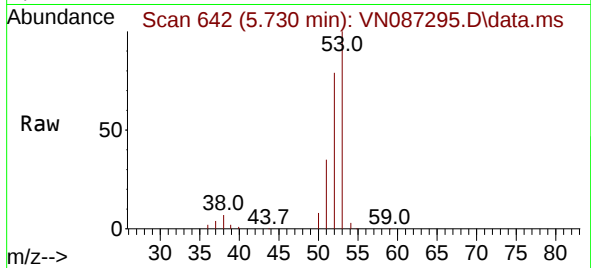
Tgt Ion: 41 Resp: 128697
Ion Ratio Lower Upper
41 100
39 80.4 66.3 99.5
76 49.2 38.6 58.0





#15
Acrylonitrile
Concen: 250.057 ug/l
RT: 5.730 min Scan# 643
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

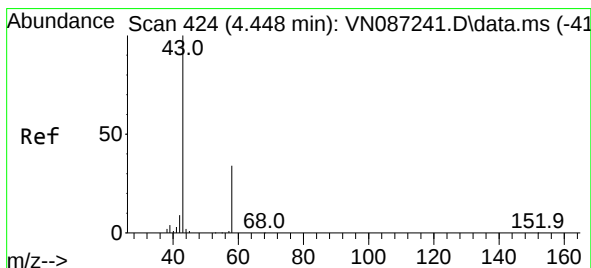
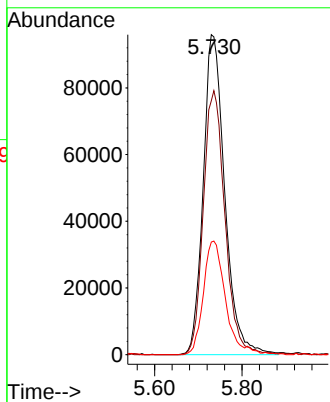
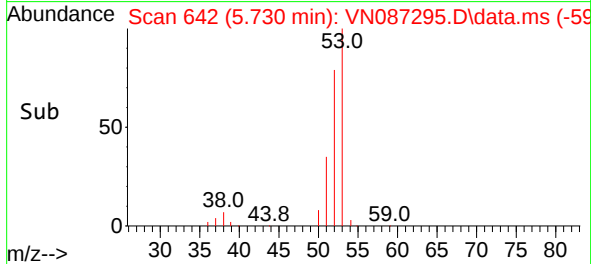
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



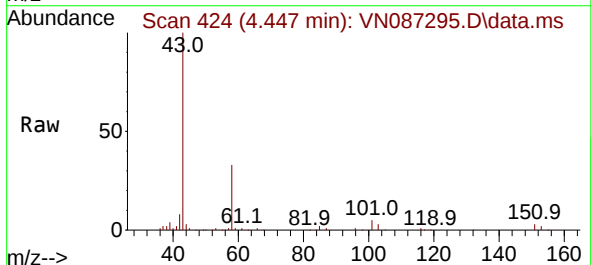
Tgt Ion: 53 Resp: 32952
Ion Ratio Lower Upper
53 100
52 82.7 66.5 99.7
51 36.1 29.1 43.7

Manual Integrations
APPROVED

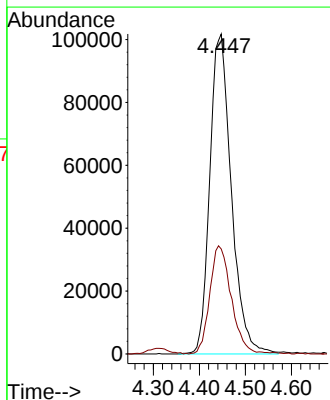
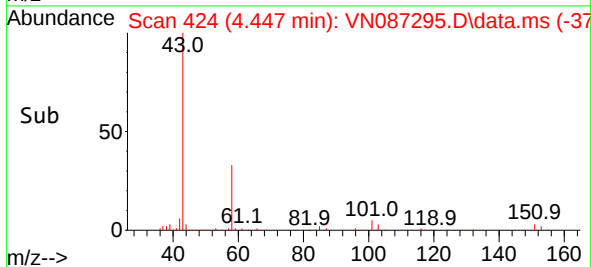
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

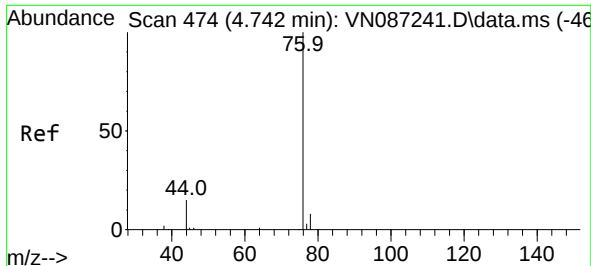


#16
Acetone
Concen: 297.419 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



Tgt Ion: 43 Resp: 330254
Ion Ratio Lower Upper
43 100
58 32.5 27.1 40.7





#17

Carbon Disulfide

Concen: 45.482 ug/l

RT: 4.736 min Scan# 474

Delta R.T. -0.006 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 293634

Ion Ratio Lower Upper

76 100

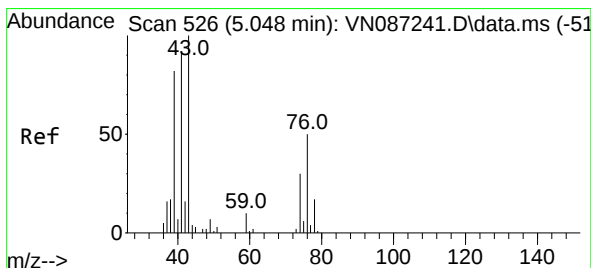
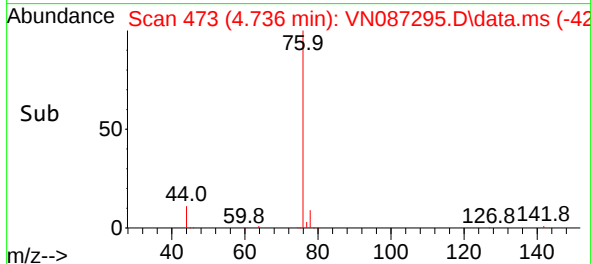
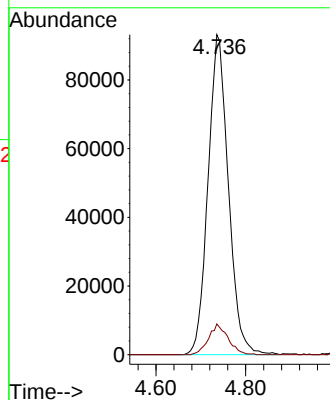
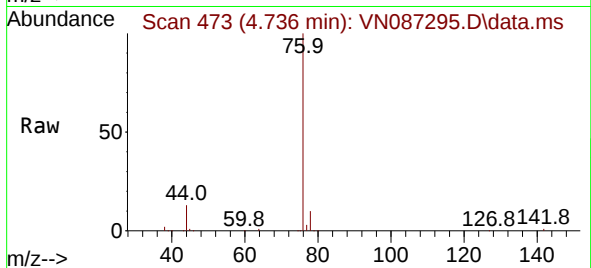
78 9.6 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#18

Methyl Acetate

Concen: 54.562 ug/l

RT: 5.047 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN087295.D

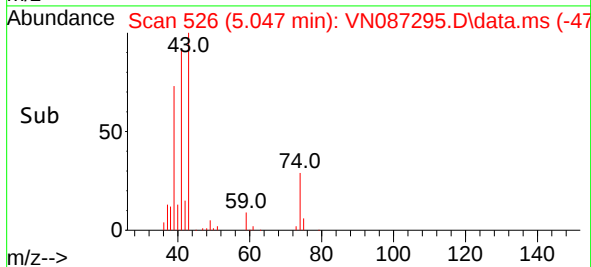
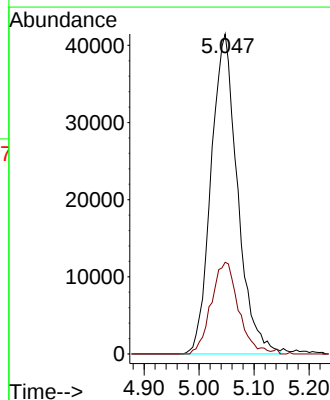
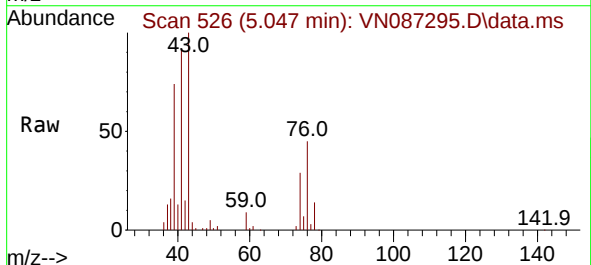
Acq: 08 Jul 2025 12:37

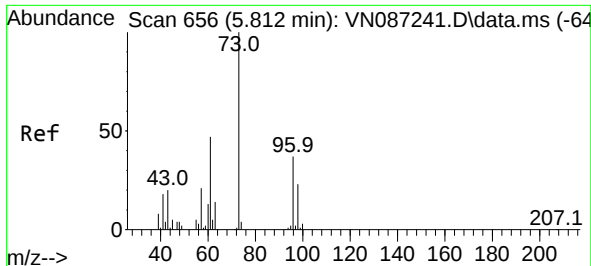
Tgt Ion: 43 Resp: 138697

Ion Ratio Lower Upper

43 100

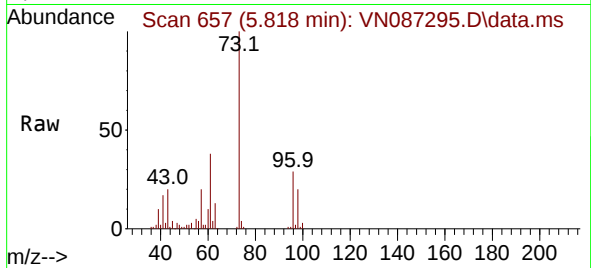
74 29.4 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 51.880 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

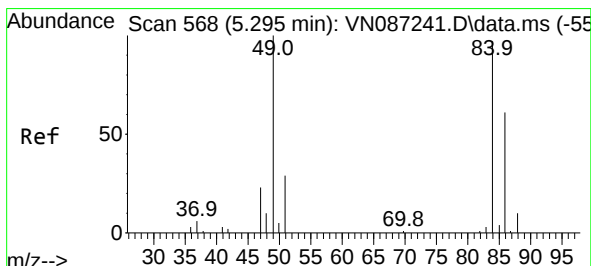
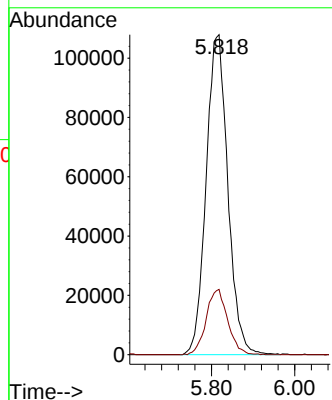
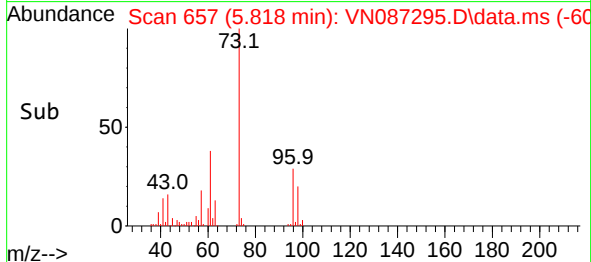
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



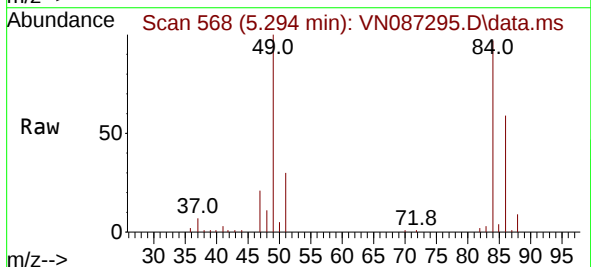
Tgt Ion: 73 Resp: 391254
Ion Ratio Lower Upper
73 100
57 20.4 16.7 25.1

Manual Integrations
APPROVED

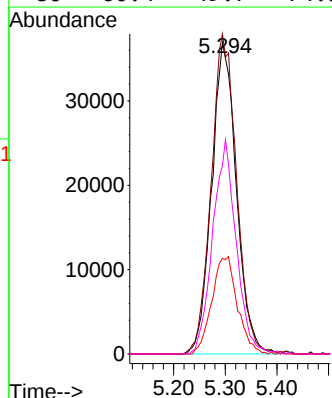
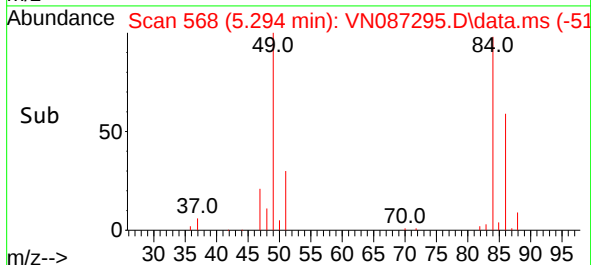
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

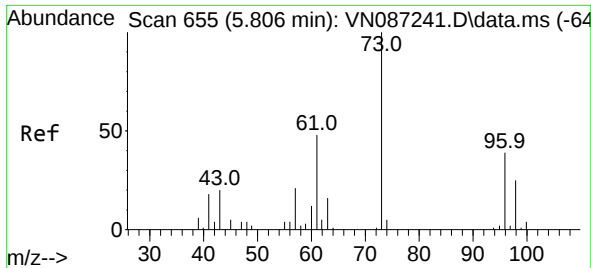


#20
Methylene Chloride
Concen: 49.945 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



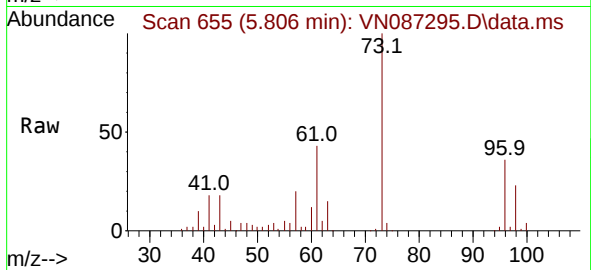
Tgt Ion: 84 Resp: 122856
Ion Ratio Lower Upper
84 100
49 102.7 82.1 123.1
51 30.6 23.5 35.3
86 60.4 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 47.179 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

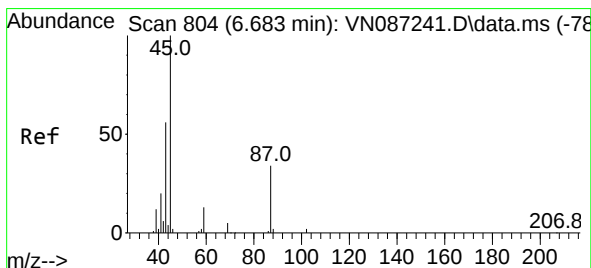
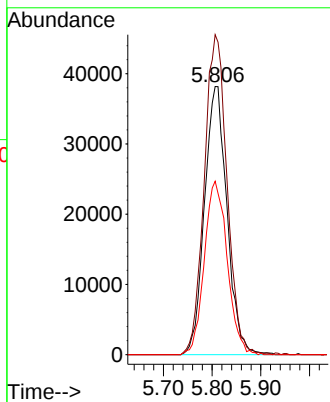
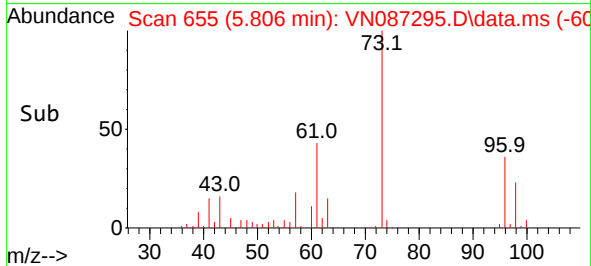
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



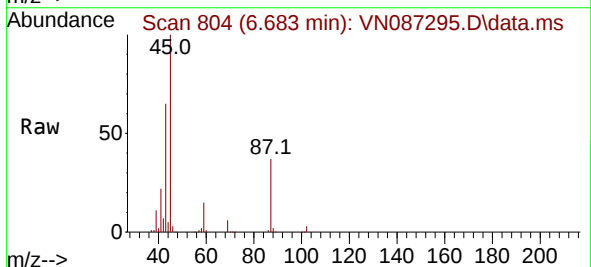
Tgt Ion: 96 Resp: 122672
Ion Ratio Lower Upper
96 100
61 119.3 98.2 147.2
98 64.7 50.0 75.0

Manual Integrations
APPROVED

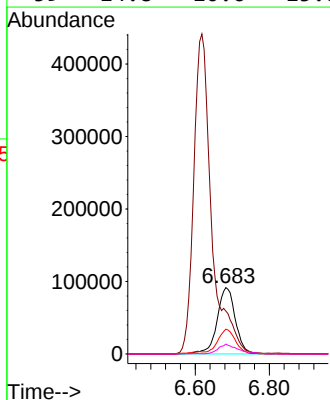
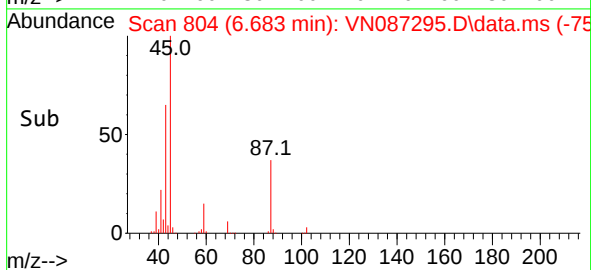
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

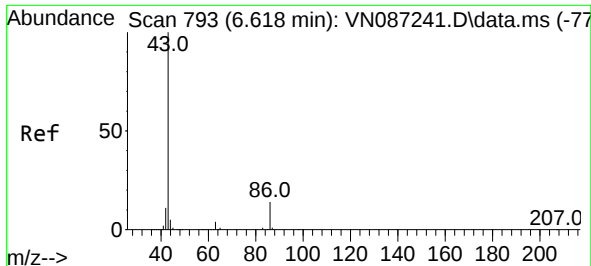


#22
Diisopropyl ether
Concen: 49.493 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



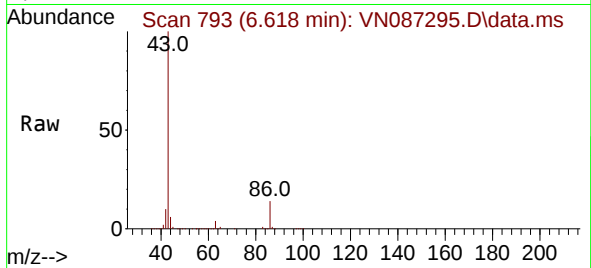
Tgt Ion: 45 Resp: 312505
Ion Ratio Lower Upper
45 100
43 63.3 50.1 75.1
87 37.3 27.5 41.3
59 14.8 10.6 15.8





#23
 Vinyl Acetate
 Concen: 251.978 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

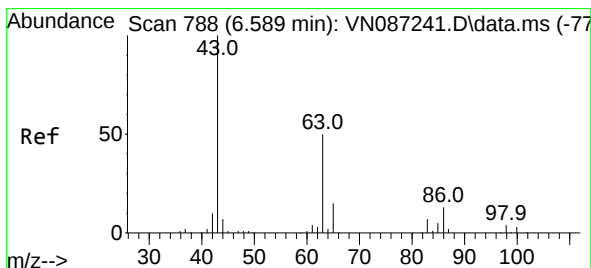
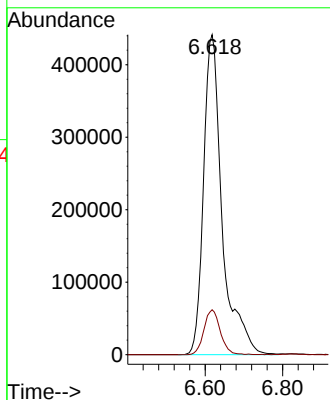
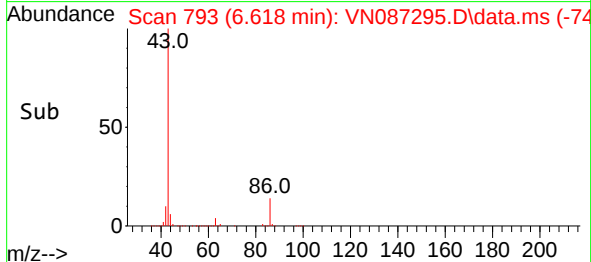
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



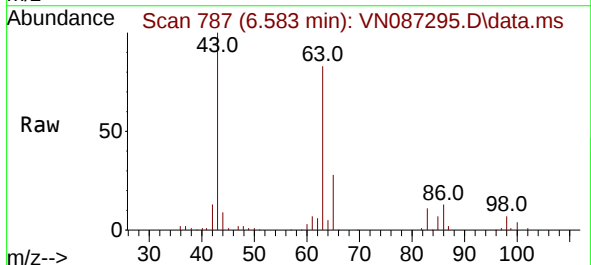
Tgt Ion: 43 Resp: 1471418
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.0 16.4

Manual Integrations
 APPROVED

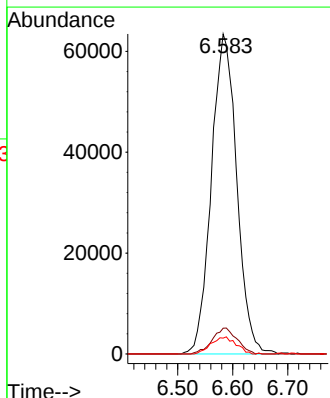
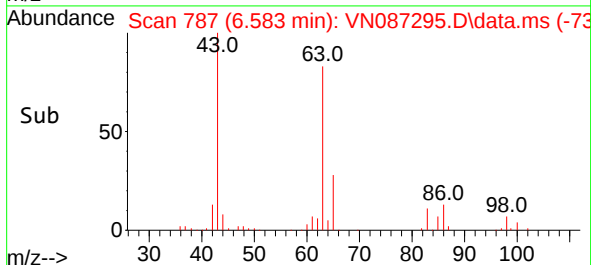
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

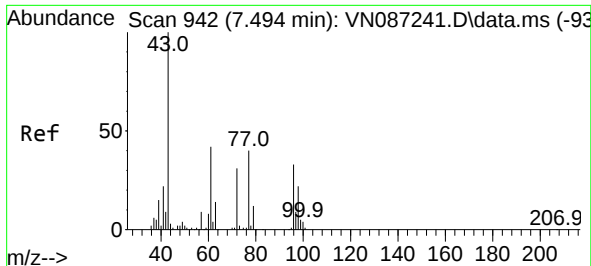


#24
 1,1-Dichloroethane
 Concen: 49.164 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37



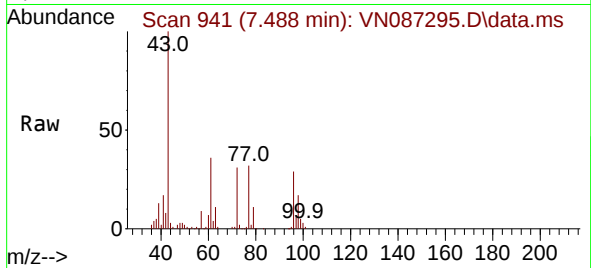
Tgt Ion: 63 Resp: 203387
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 5.0 2.7 8.1





#25
2-Butanone
Concen: 265.514 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

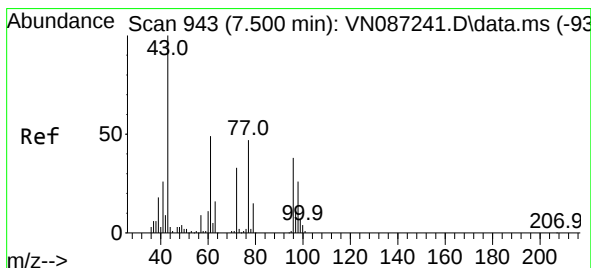
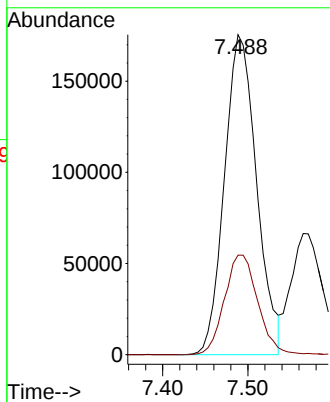
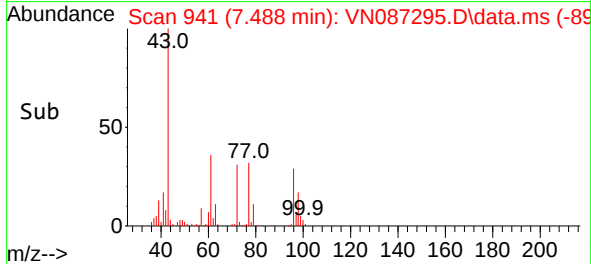
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46074
Ion Ratio Lower Upper
43 100
72 31.1 24.8 37.2

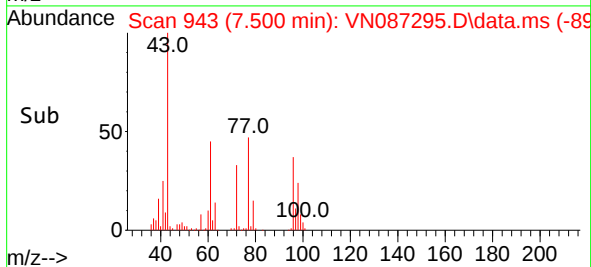
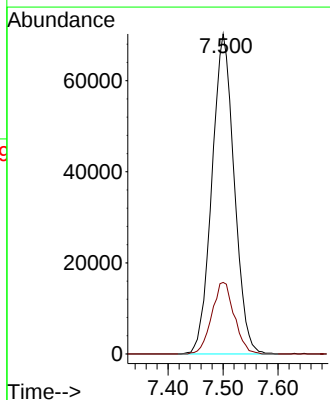
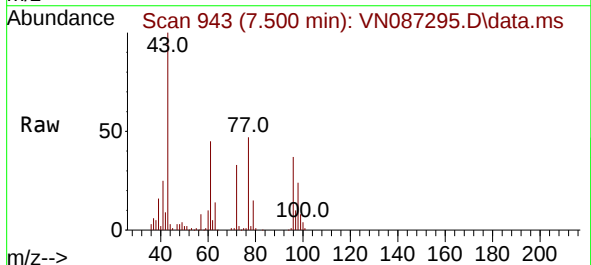
Manual Integrations
APPROVED

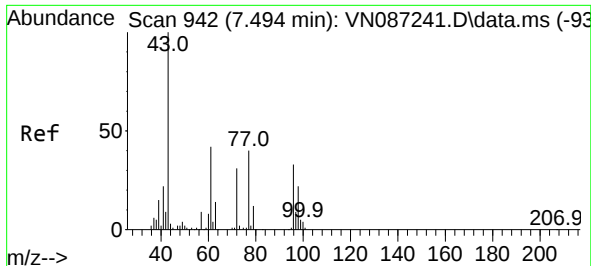
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#26
2,2-Dichloropropane
Concen: 50.015 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

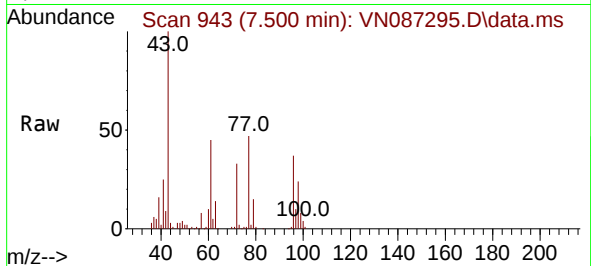
Tgt Ion: 77 Resp: 197991
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.511 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

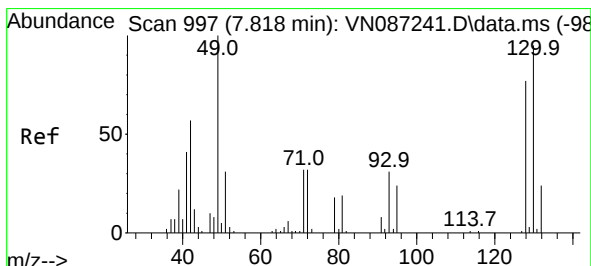
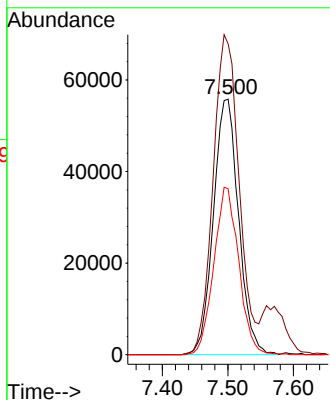
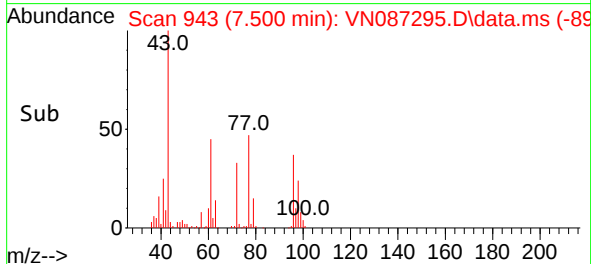
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 148674
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 258.8
 98 64.8 0.0 130.8

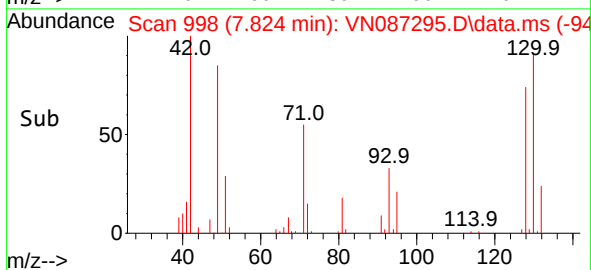
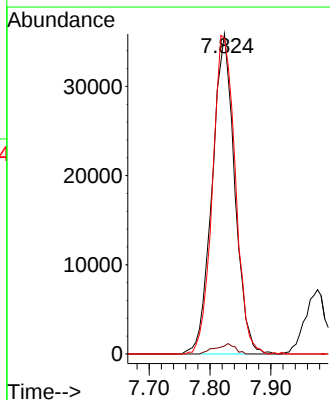
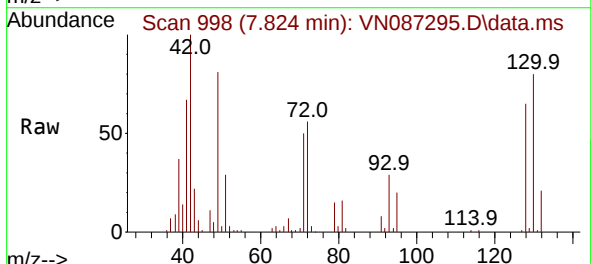
Manual Integrations
 APPROVED

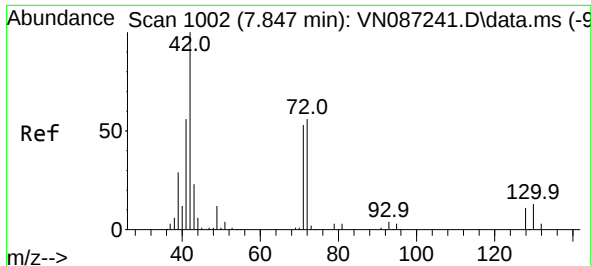
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#28
 Bromochloromethane
 Concen: 50.399 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

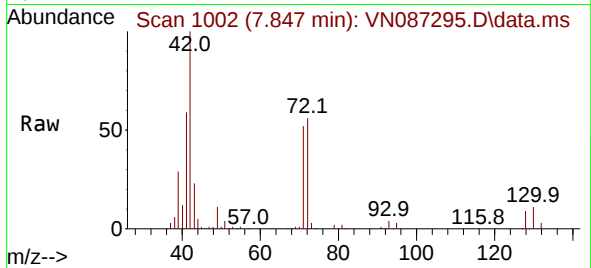
Tgt Ion: 49 Resp: 92029
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 100.7 78.4 117.6





#29
Tetrahydrofuran
Concen: 260.844 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

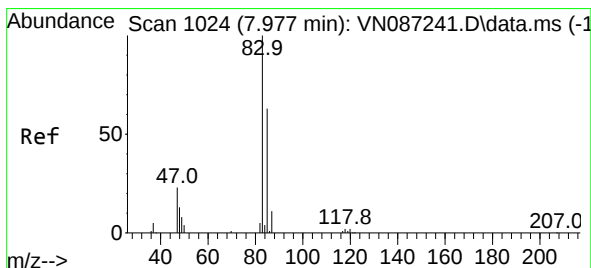
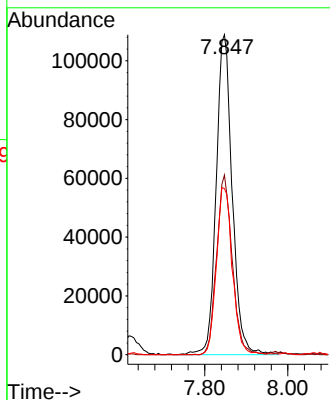
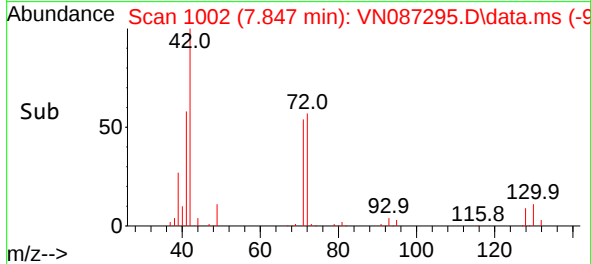
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



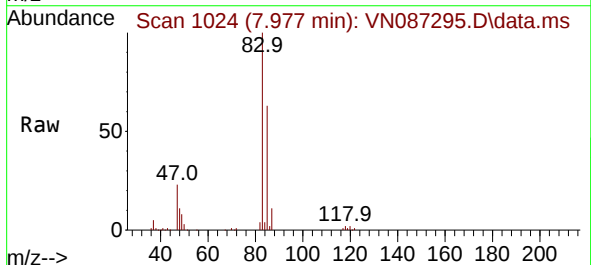
Tgt Ion: 42 Resp: 291677
Ion Ratio Lower Upper
42 100
72 54.7 44.2 66.4
71 51.8 41.1 61.7

Manual Integrations
APPROVED

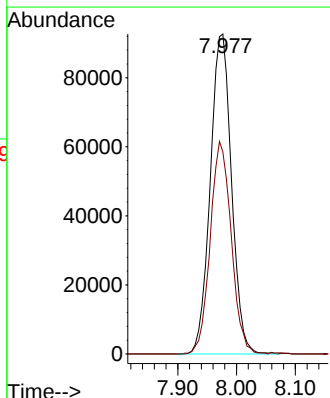
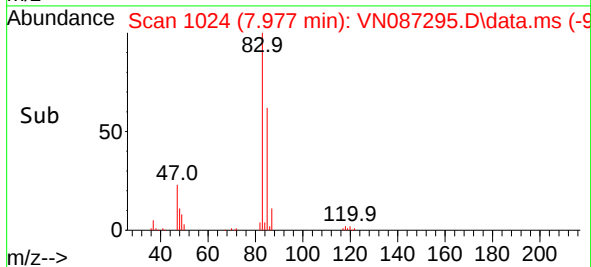
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

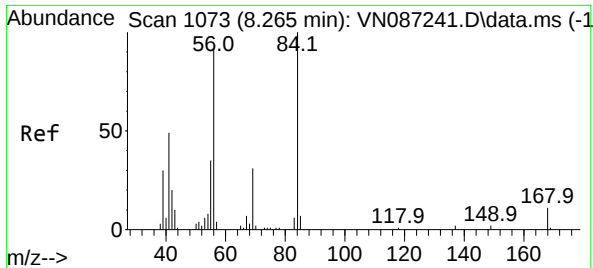


#30
Chloroform
Concen: 50.700 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



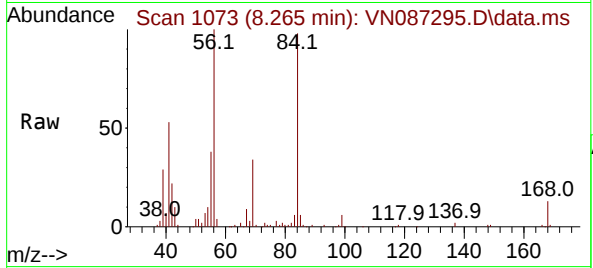
Tgt Ion: 83 Resp: 232477
Ion Ratio Lower Upper
83 100
85 63.1 50.3 75.5





#31
Cyclohexane
Concen: 41.764 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

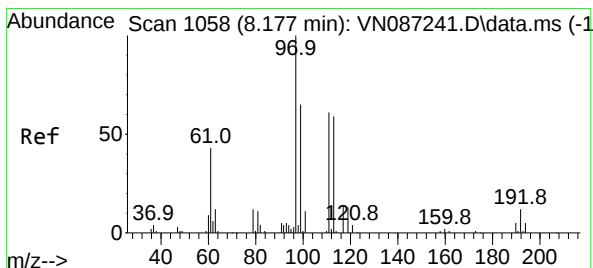
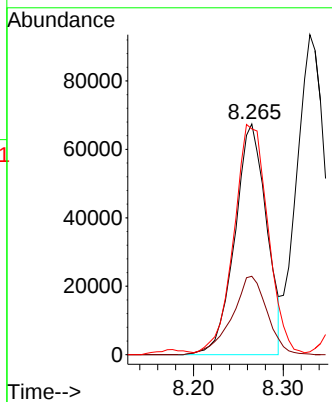
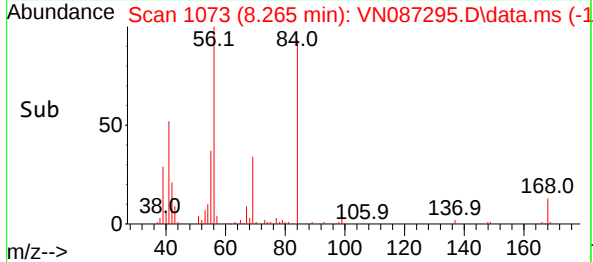
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



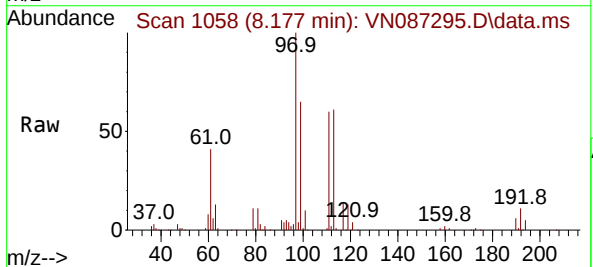
Tgt Ion: 56 Resp: 16519
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 96.2 86.2 129.4

Manual Integrations
APPROVED

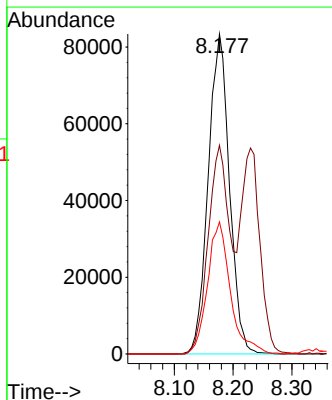
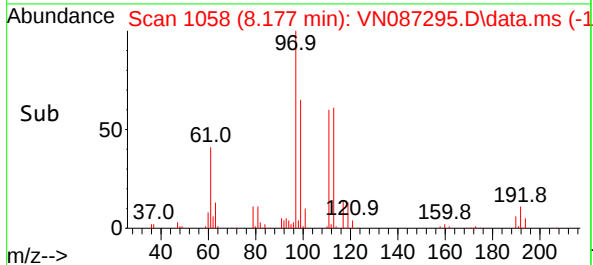
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

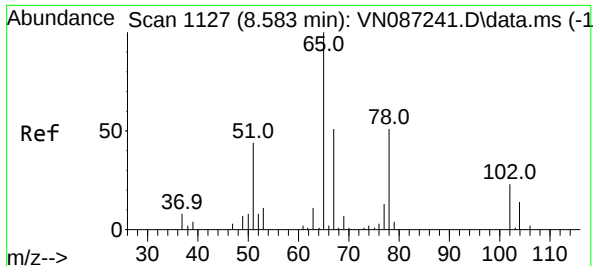


#32
1,1,1-Trichloroethane
Concen: 49.087 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



Tgt Ion: 97 Resp: 209618
Ion Ratio Lower Upper
97 100
99 68.0 49.5 74.3
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.046 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 145354

Ion Ratio Lower Upper

65 100

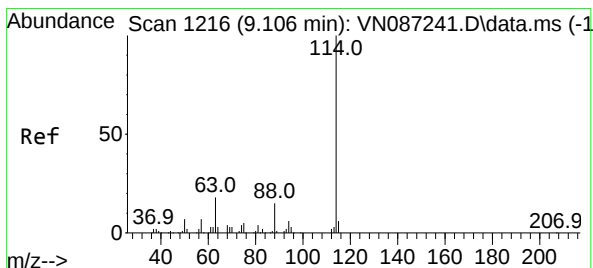
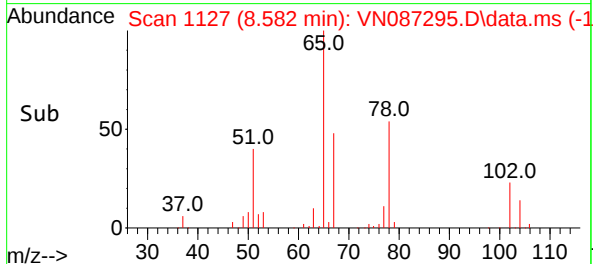
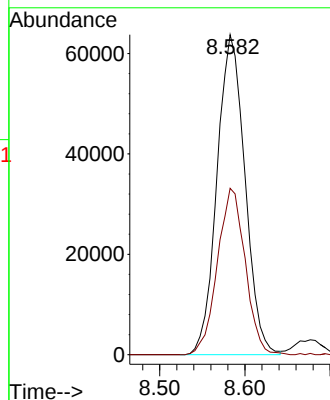
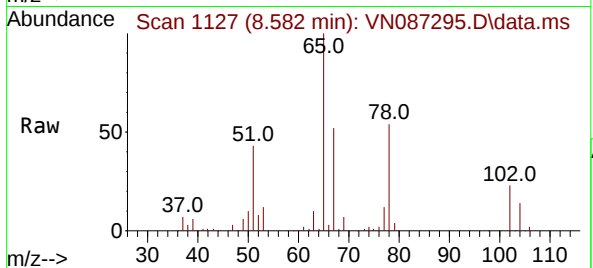
67 51.7 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

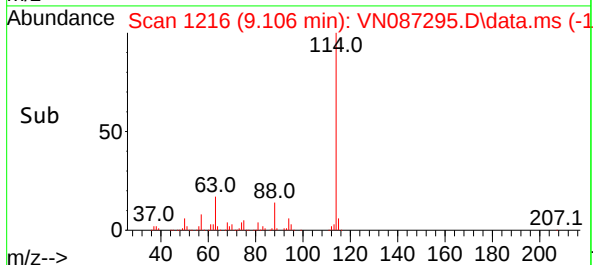
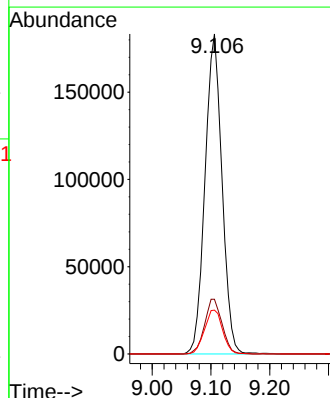
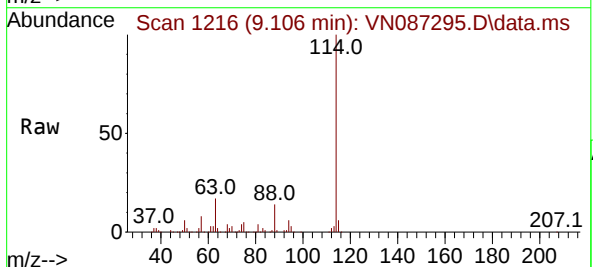
Tgt Ion:114 Resp: 368472

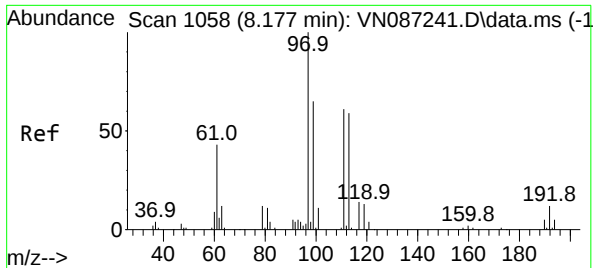
Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

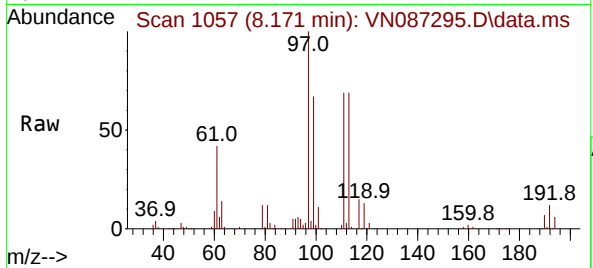
88 13.7 0.0 29.6





#35
Dibromofluoromethane
Concen: 52.804 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

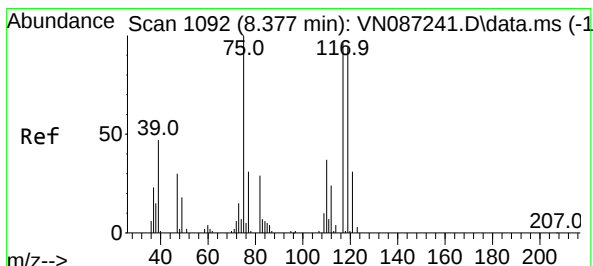
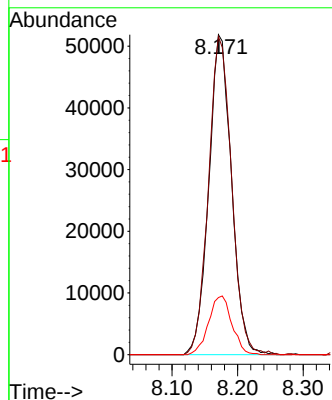
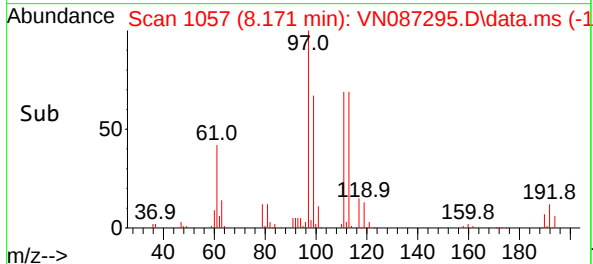
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



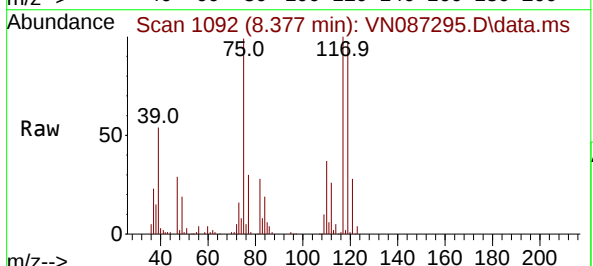
Tgt Ion: 113 Resp: 124584
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 18.8 15.1 22.7

Manual Integrations
APPROVED

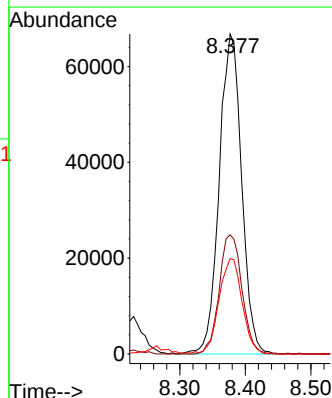
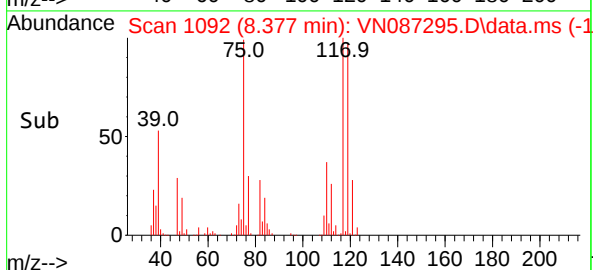
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

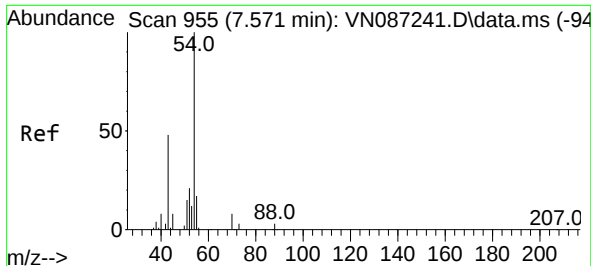


#36
1,1-Dichloropropene
Concen: 49.322 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



Tgt Ion: 75 Resp: 158248
Ion Ratio Lower Upper
75 100
110 37.8 18.7 56.1
77 30.8 24.5 36.7





#37

Ethyl Acetate

Concen: 52.289 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087295.D

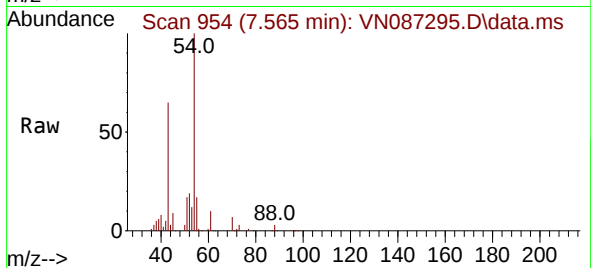
Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



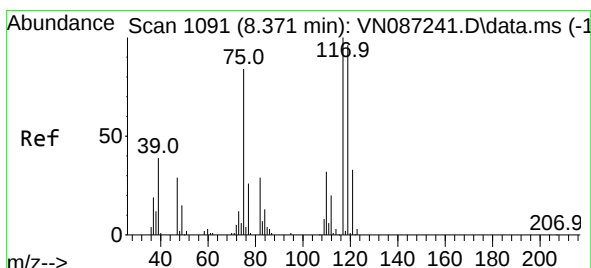
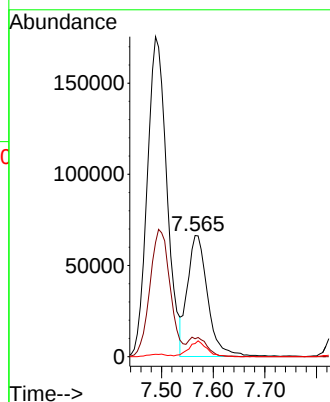
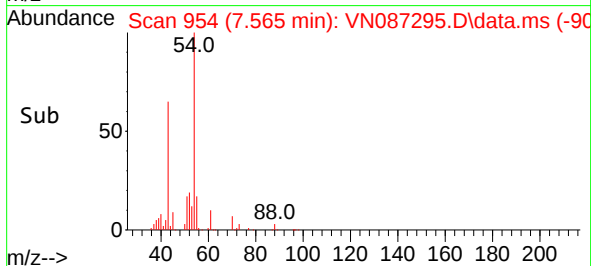
Tgt Ion:	43	Resp:	18034
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	11.6	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#38

Carbon Tetrachloride

Concen: 52.255 ug/l

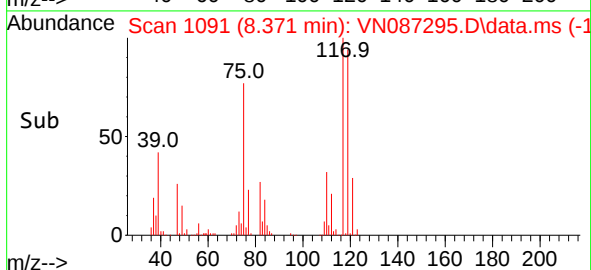
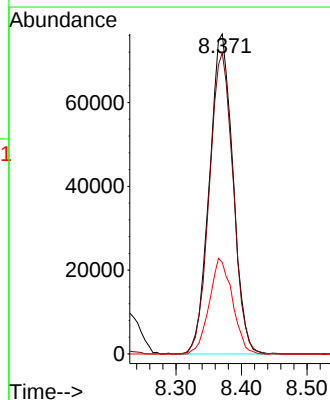
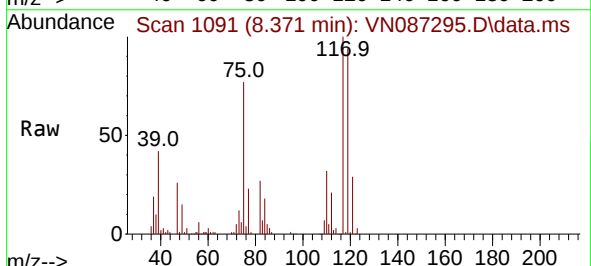
RT: 8.371 min Scan# 1091

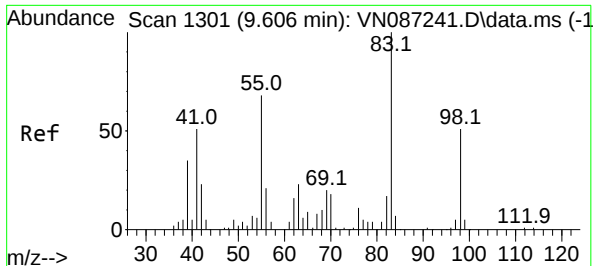
Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Tgt Ion:	117	Resp:	189978
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.2	115.8
121	28.6	26.6	39.8





#39
Methylcyclohexane
Concen: 48.286 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

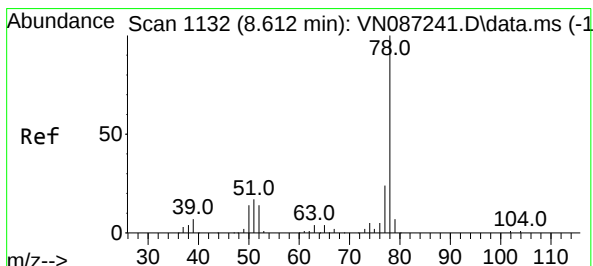
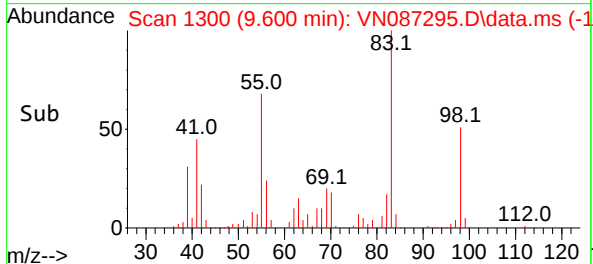
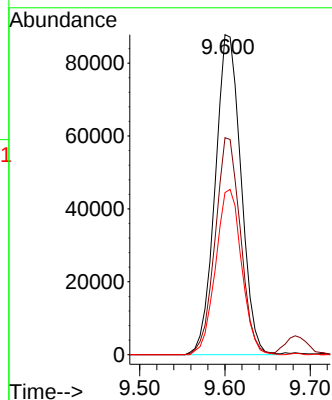
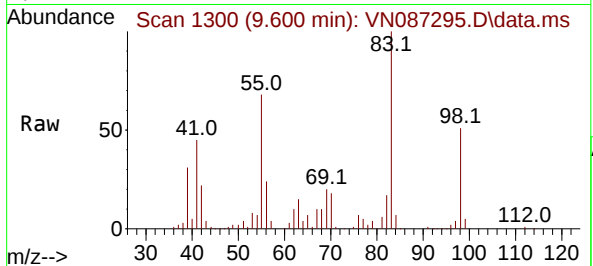
Tgt Ion: 83 Resp: 184490
Ion Ratio Lower Upper
83 100
55 67.8 54.6 81.8
98 50.7 41.2 61.8

Manual Integrations

APPROVED

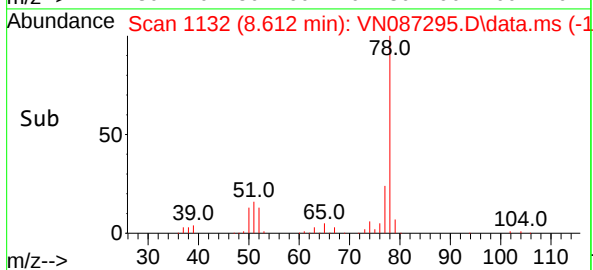
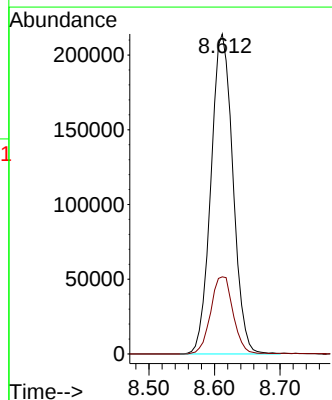
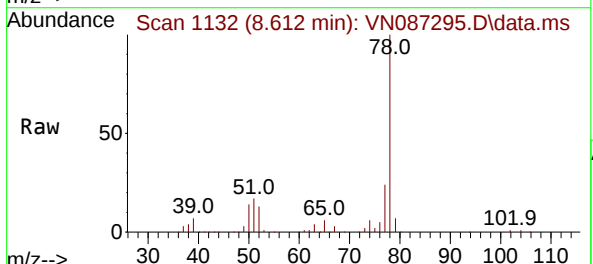
Reviewed By :John Carlone 07/09/2025

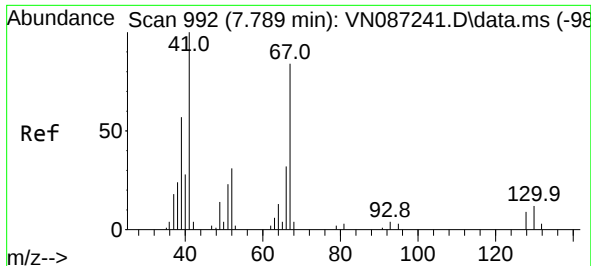
Supervised By :Mahesh Dadoda 07/09/2025



#40
Benzene
Concen: 50.070 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

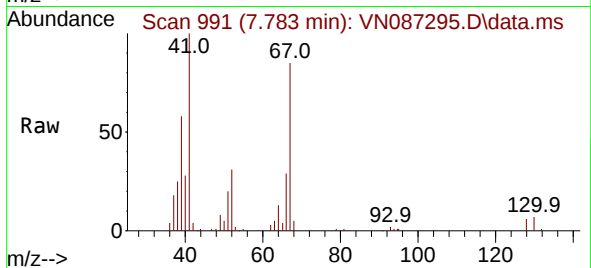
Tgt Ion: 78 Resp: 497701
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3





#41
Methacrylonitrile
Concen: 51.943 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

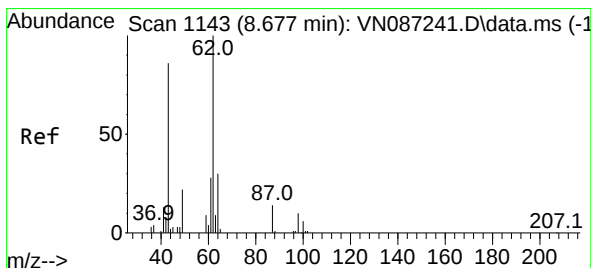
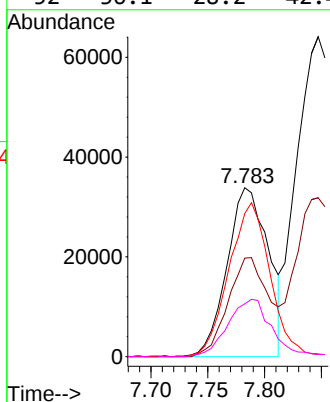
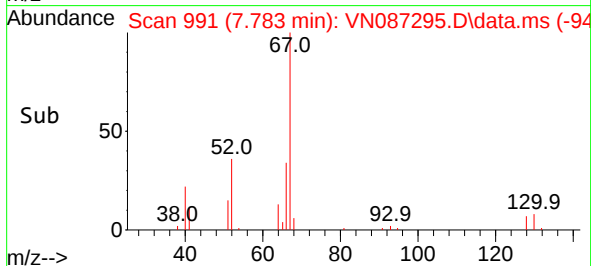
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



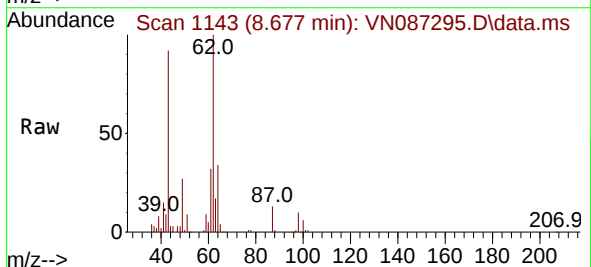
Tgt Ion: 41 Resp: 85659
Ion Ratio Lower Upper
41 100
39 57.3 46.4 69.6
67 90.7 70.8 106.2
52 36.1 28.2 42.4

Manual Integrations
APPROVED

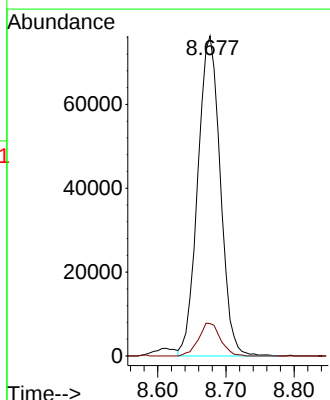
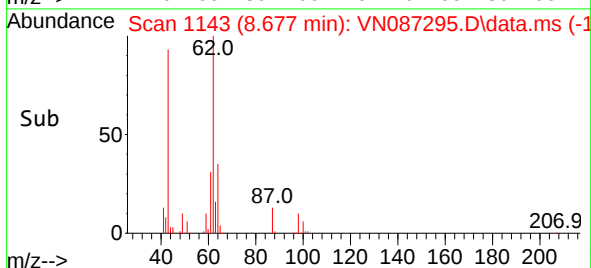
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

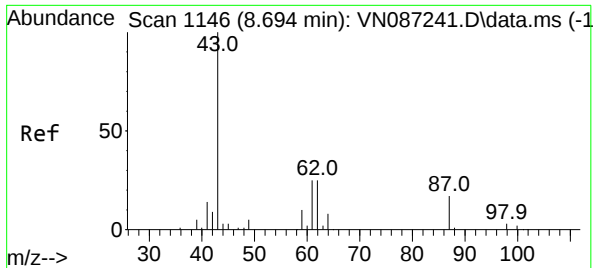


#42
1,2-Dichloroethane
Concen: 53.035 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



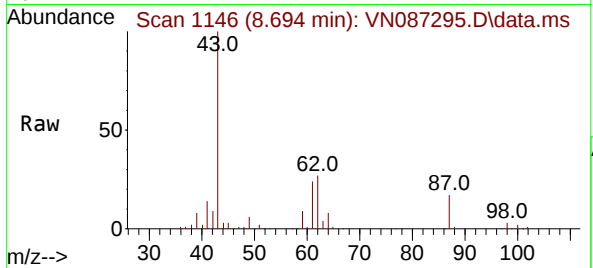
Tgt Ion: 62 Resp: 175315
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 52.933 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

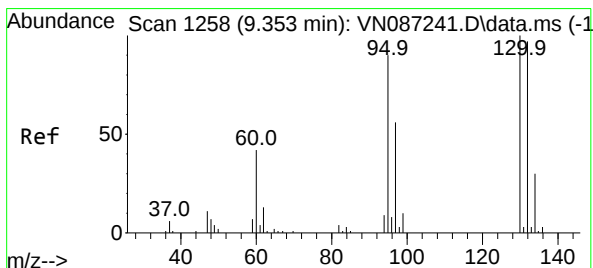
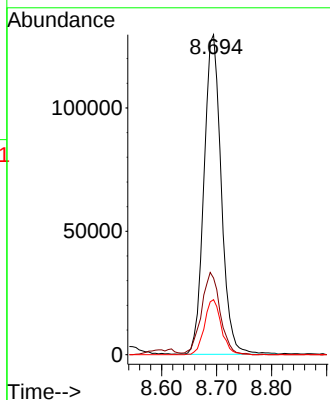
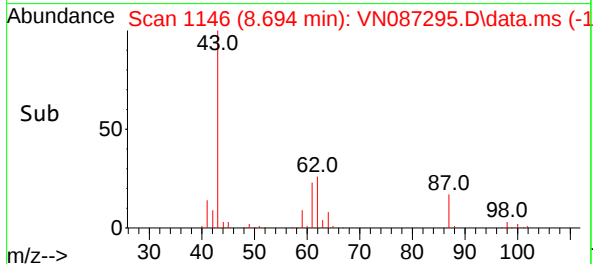
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



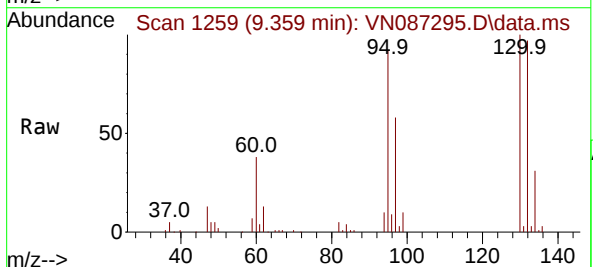
Tgt Ion: 43 Resp: 28312
Ion Ratio Lower Upper
43 100
61 27.9 22.4 33.6
87 16.8 12.8 19.2

Manual Integrations
APPROVED

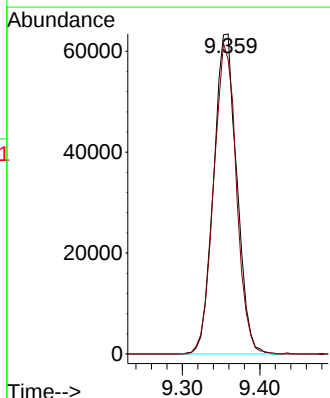
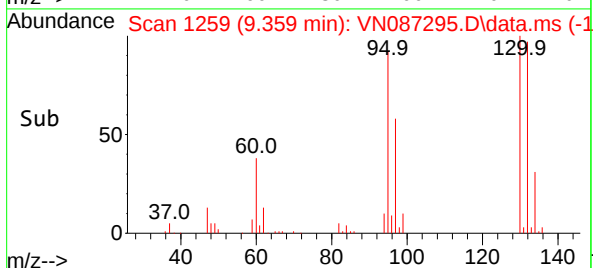
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

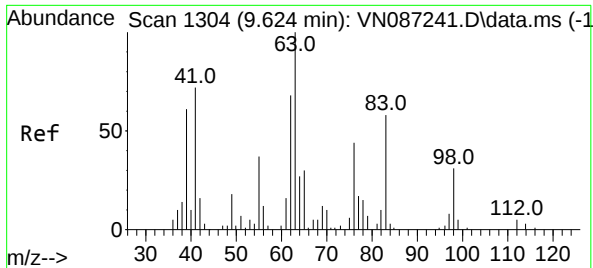


#44
Trichloroethene
Concen: 49.912 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



Tgt Ion:130 Resp: 131829
Ion Ratio Lower Upper
130 100
95 92.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.619 ug/l

RT: 9.624 min Scan# 118374

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 118374

Ion Ratio Lower Upper

63 100

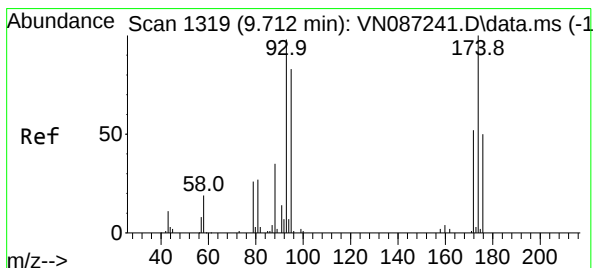
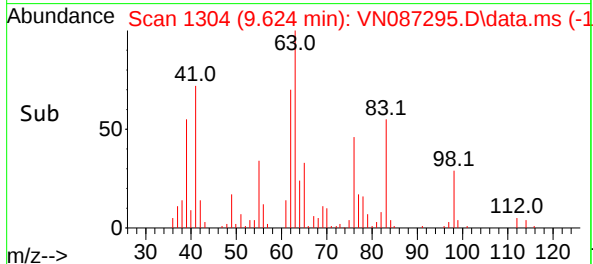
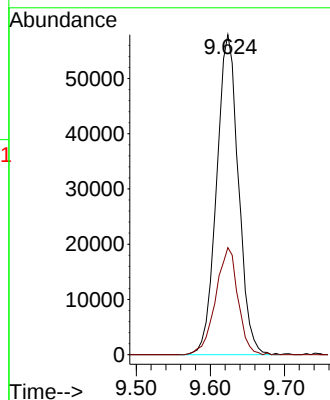
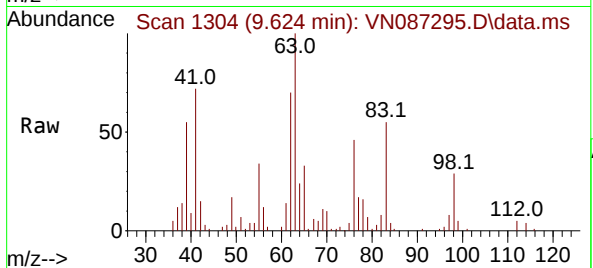
65 33.4 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#46

Dibromomethane

Concen: 54.049 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

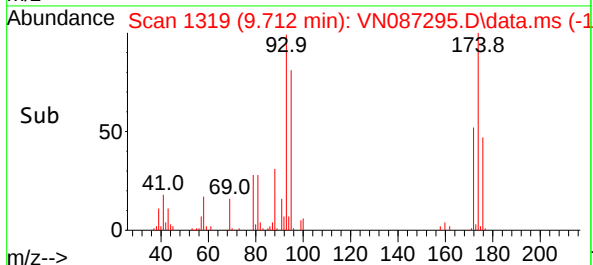
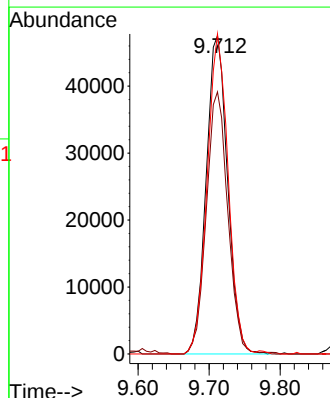
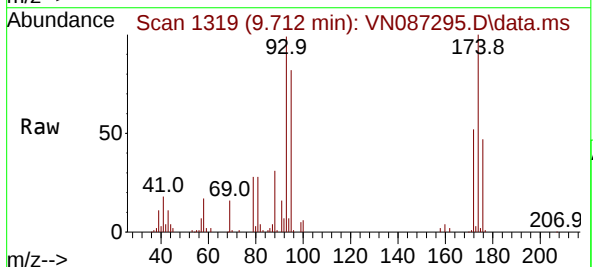
Tgt Ion: 93 Resp: 99651

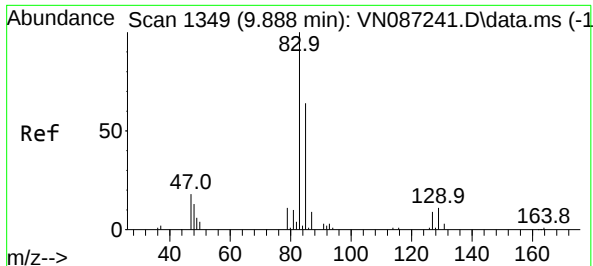
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

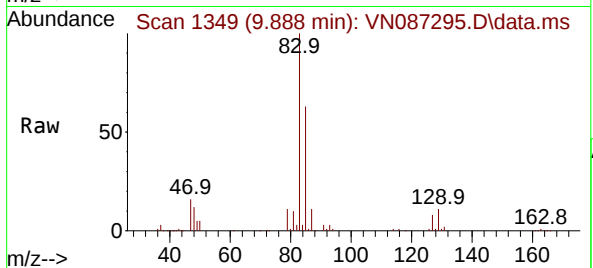
174 98.2 81.8 122.6





#47
Bromodichloromethane
Concen: 52.808 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

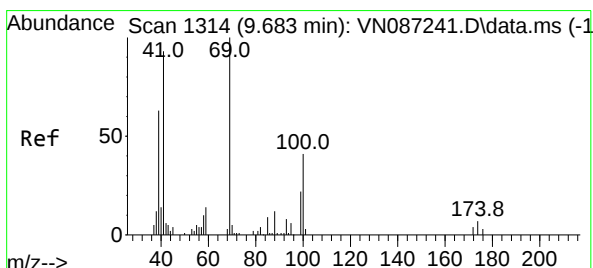
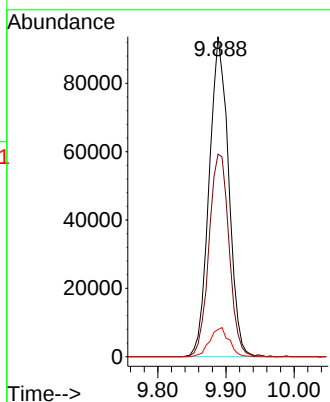
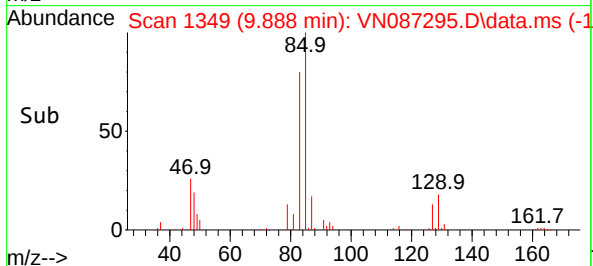
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



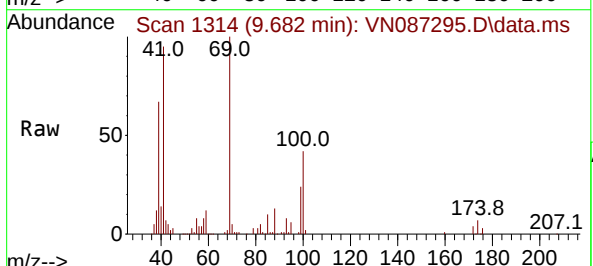
Tgt Ion: 83 Resp: 18569
Ion Ratio Lower Upper
83 100
85 63.3 51.2 76.8
127 8.5 7.0 10.4

Manual Integrations
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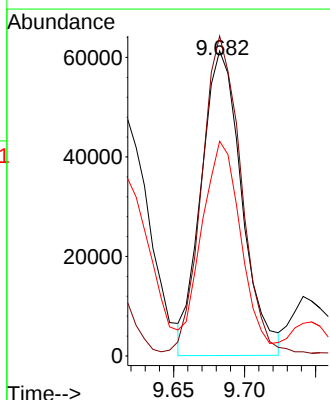
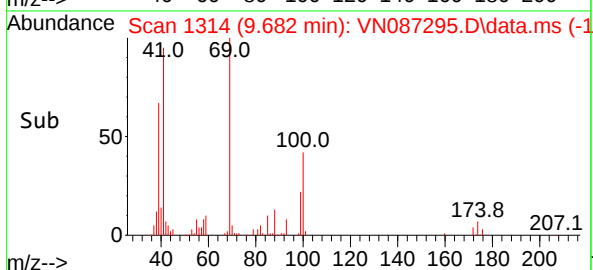
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

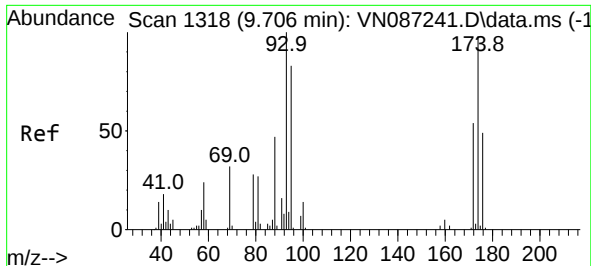


#48
Methyl methacrylate
Concen: 53.879 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



Tgt Ion: 41 Resp: 121461
Ion Ratio Lower Upper
41 100
69 102.8 81.4 122.2
39 68.5 56.9 85.3





#49

1,4-Dioxane

Concen: 1006.641 ug/l

RT: 9.700 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

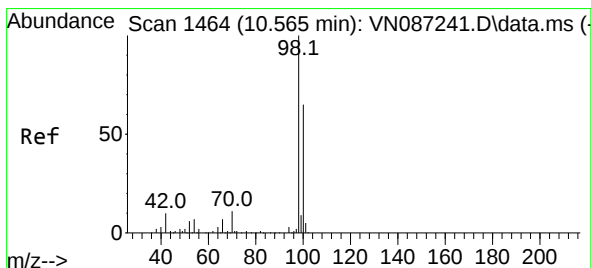
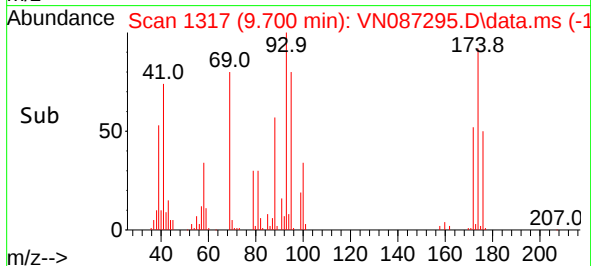
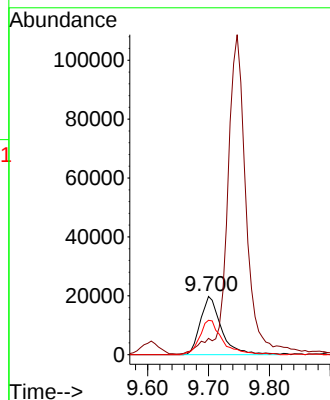
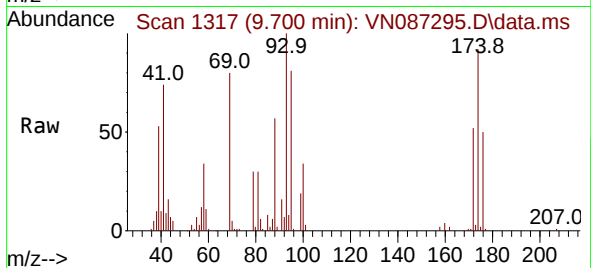
Tgt Ion: 88 Resp: 47270
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 62.9 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#50

Toluene-d8

Concen: 51.162 ug/l

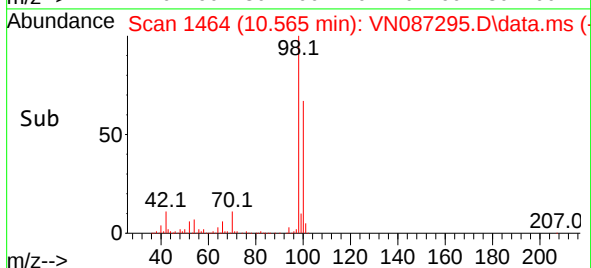
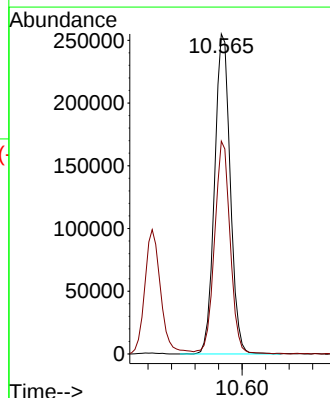
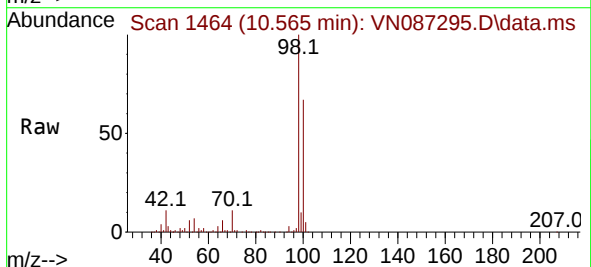
RT: 10.565 min Scan# 1464

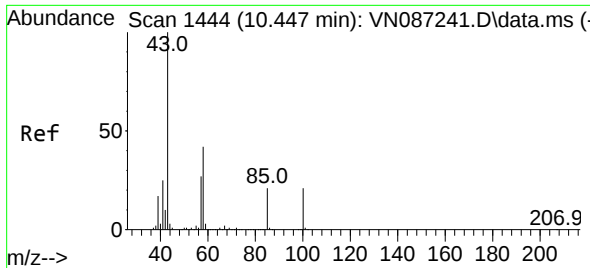
Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

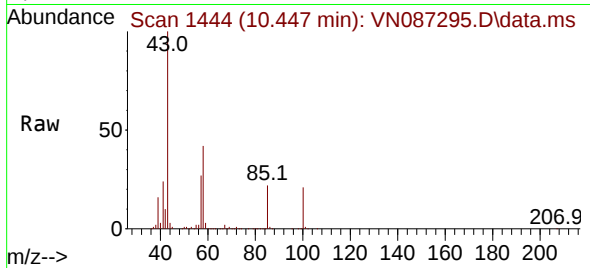
Tgt Ion: 98 Resp: 470499
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 280.815 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

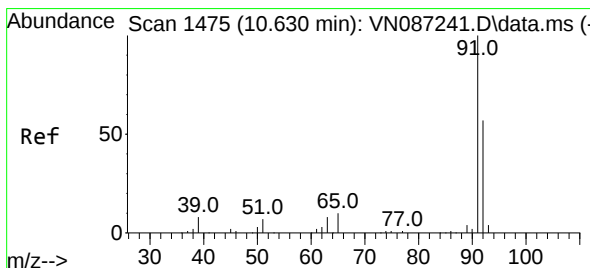
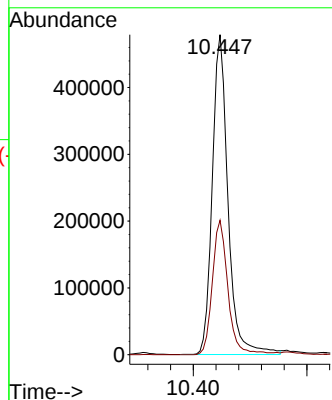
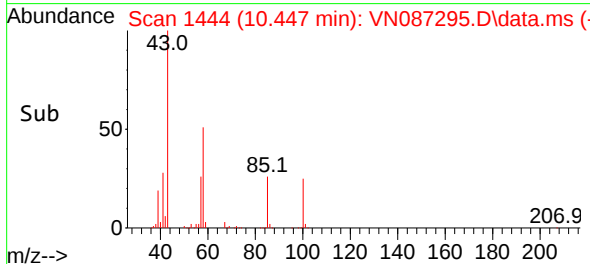
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 919010
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.2

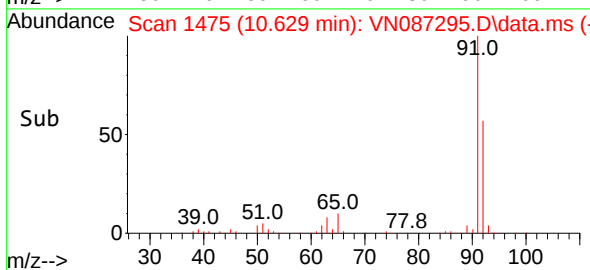
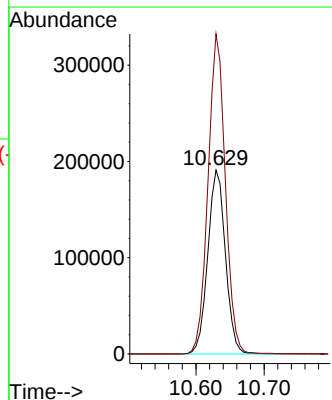
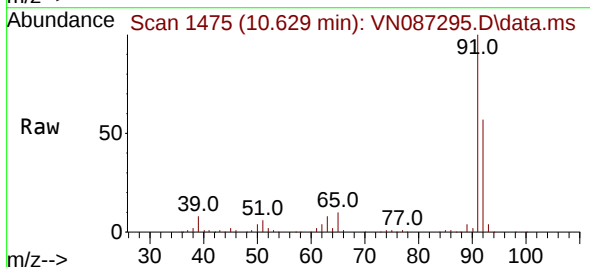
Manual Integrations
APPROVED

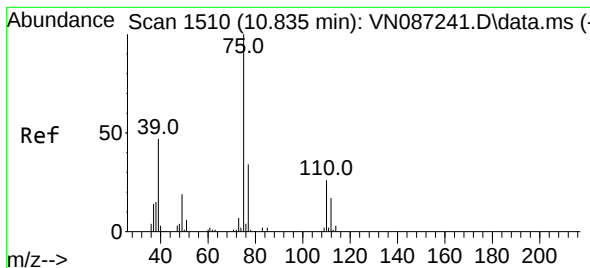
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#52
Toluene
Concen: 52.684 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

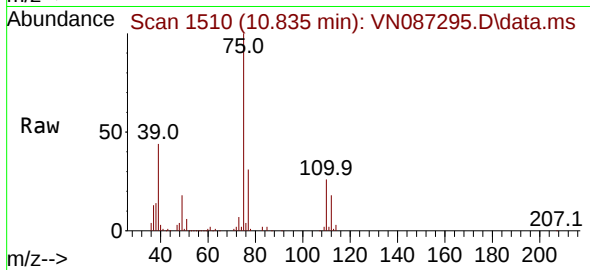
Tgt Ion: 92 Resp: 343443
Ion Ratio Lower Upper
92 100
91 170.9 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 53.510 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

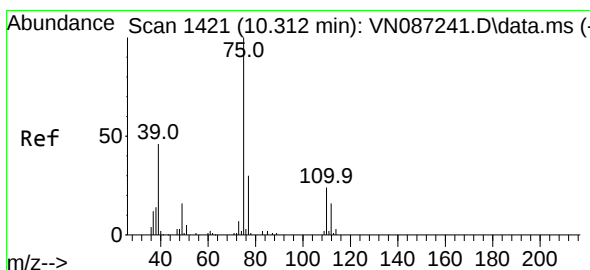
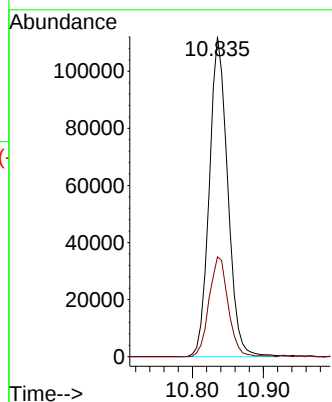
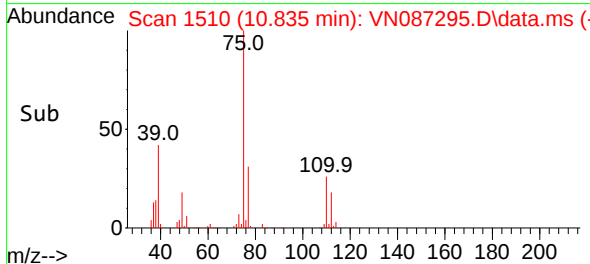
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



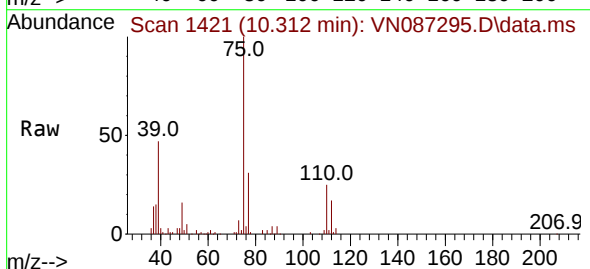
Tgt Ion: 75 Resp: 201815
Ion Ratio Lower Upper
75 100
77 31.2 27.1 40.7

Manual Integrations
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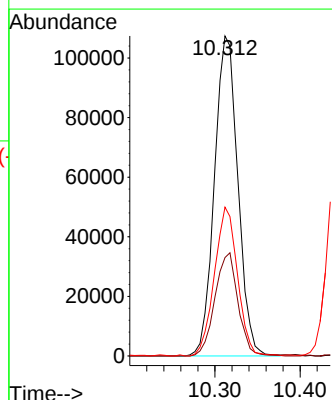
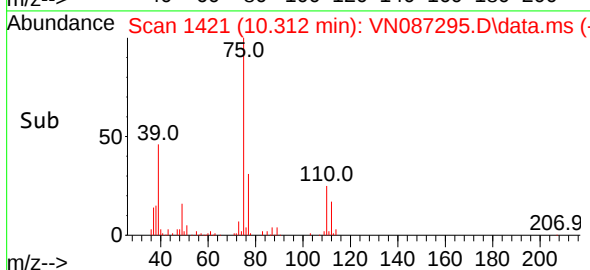
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

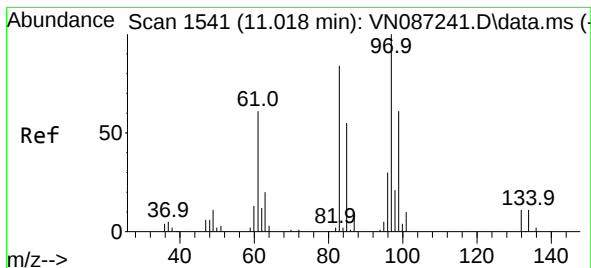


#54
cis-1,3-Dichloropropene
Concen: 53.441 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



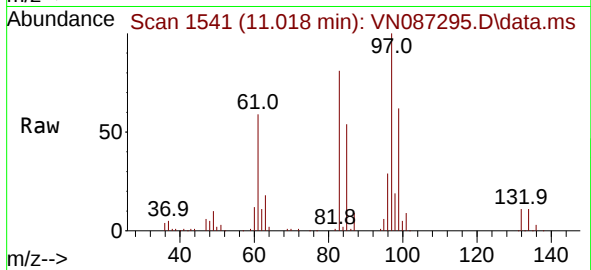
Tgt Ion: 75 Resp: 205354
Ion Ratio Lower Upper
75 100
77 30.7 24.1 36.1
39 46.3 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 54.336 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

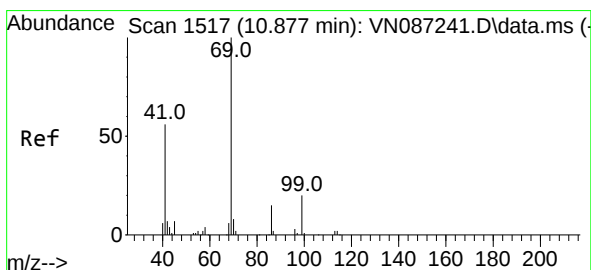
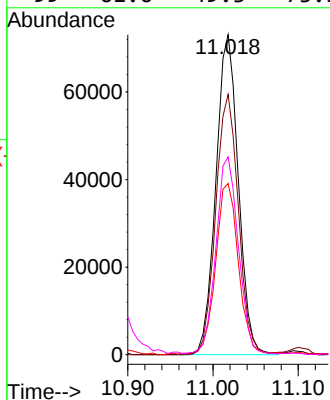
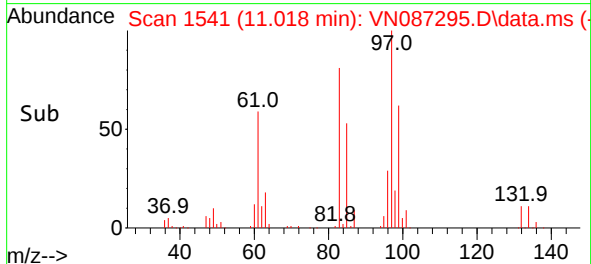
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



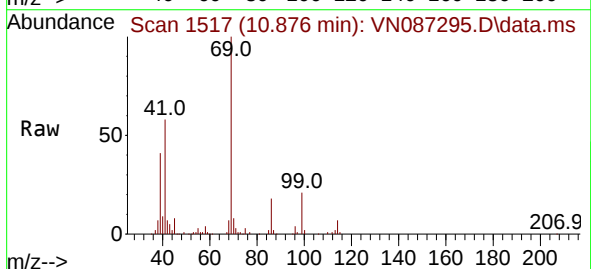
Tgt Ion: 97 Resp: 13380
Ion Ratio Lower Upper
97 100
83 81.3 67.4 101.2
85 53.3 43.6 65.4
99 61.6 49.3 73.9

Manual Integrations
APPROVED

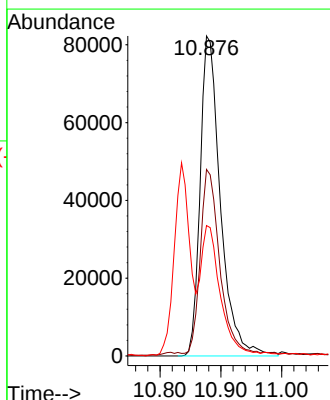
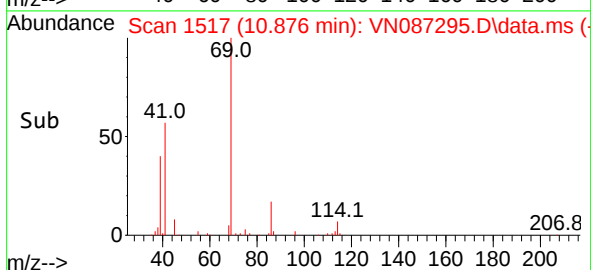
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

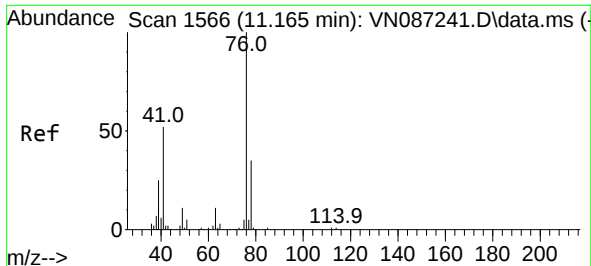


#56
Ethyl methacrylate
Concen: 52.782 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



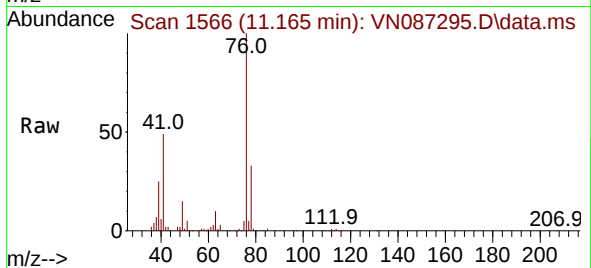
Tgt Ion: 69 Resp: 190432
Ion Ratio Lower Upper
69 100
41 54.5 44.2 66.4
39 37.9 29.5 44.3





#57
1,3-Dichloropropane
Concen: 54.823 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

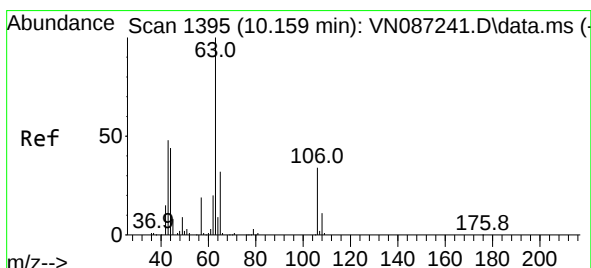
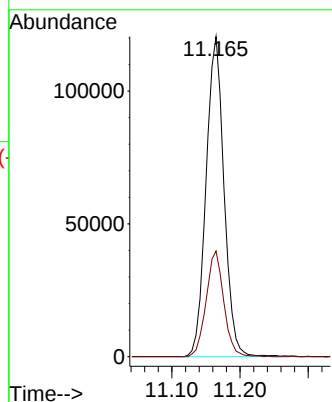
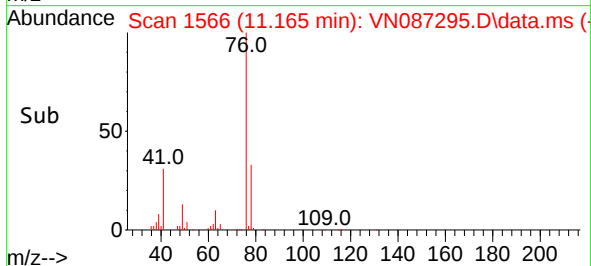
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 220340
Ion Ratio Lower Upper
76 100
78 32.4 27.1 40.7

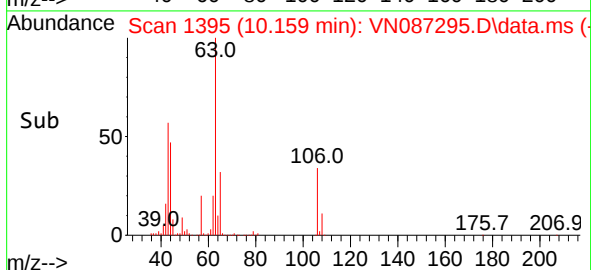
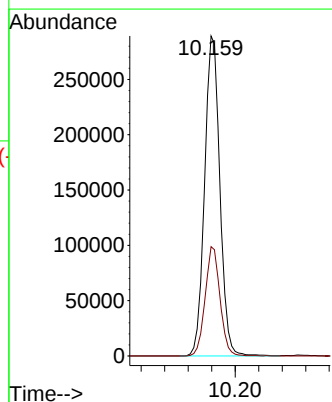
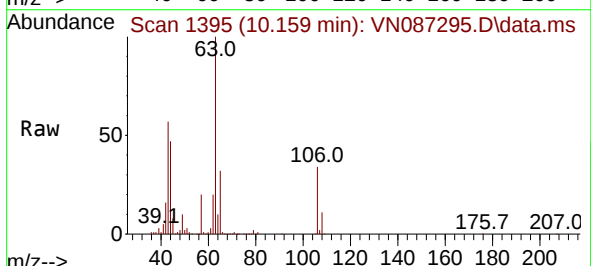
Manual Integrations
APPROVED

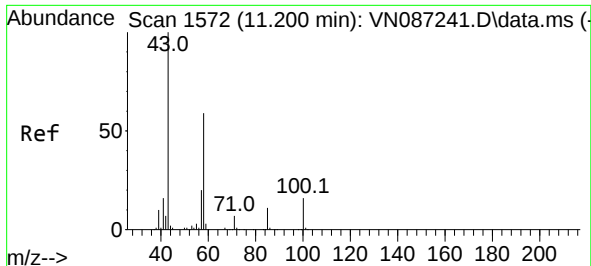
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 274.391 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

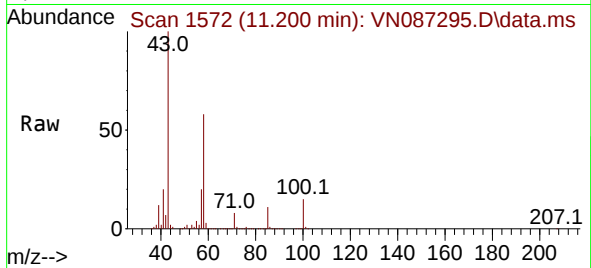
Tgt Ion: 63 Resp: 523216
Ion Ratio Lower Upper
63 100
106 33.2 26.9 40.3





#59
2-Hexanone
Concen: 272.295 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

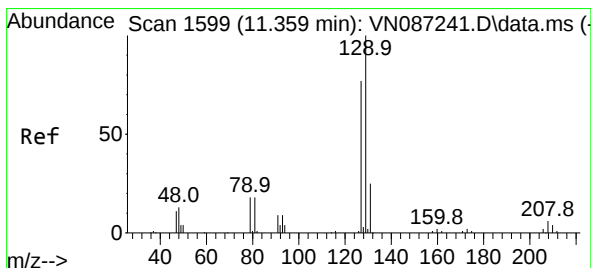
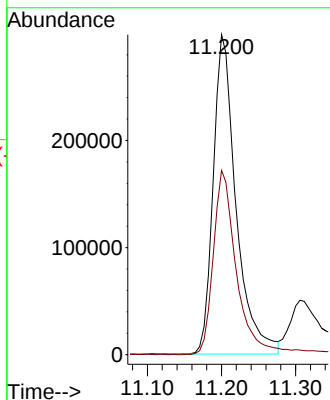
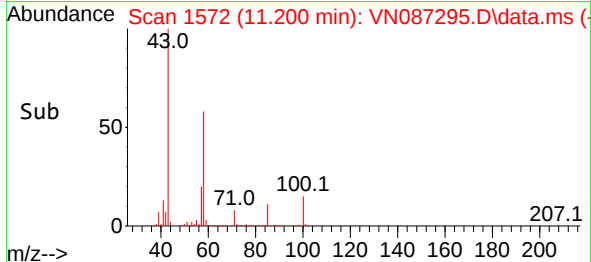
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 63831
Ion Ratio Lower Upper
43 100
58 60.8 31.1 93.3

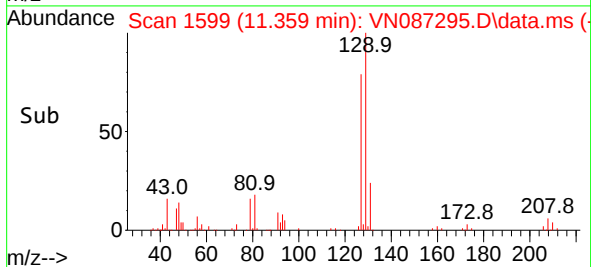
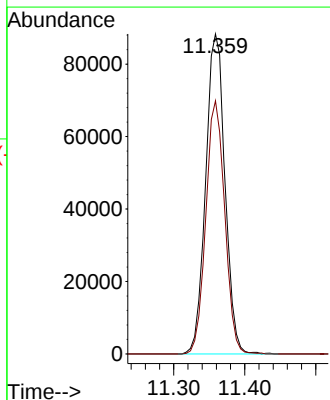
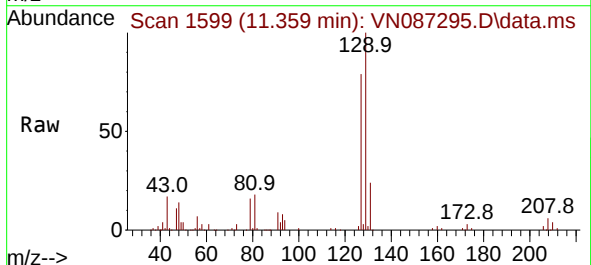
Manual Integrations
APPROVED

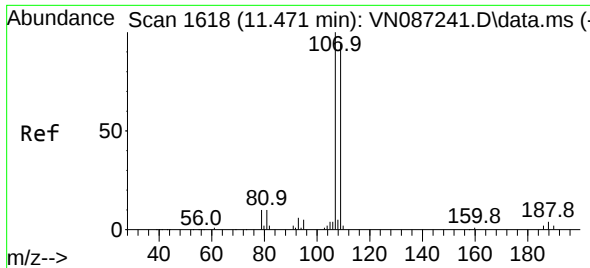
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#60
Dibromochloromethane
Concen: 57.489 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

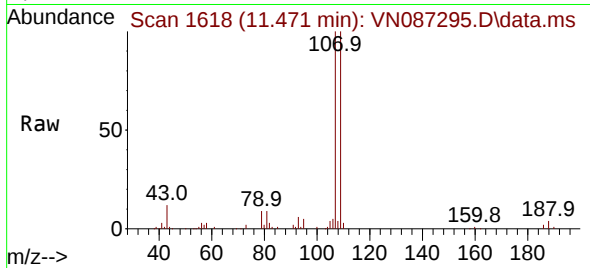
Tgt Ion:129 Resp: 166889
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9





#61
1,2-Dibromoethane
Concen: 55.303 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

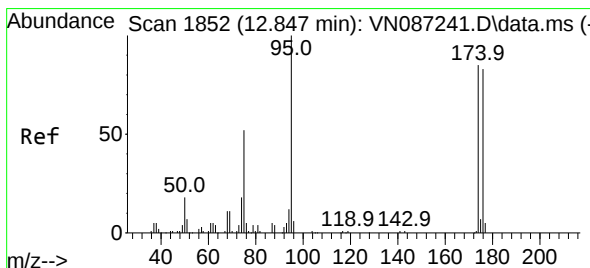
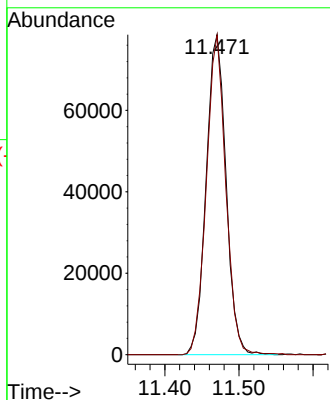
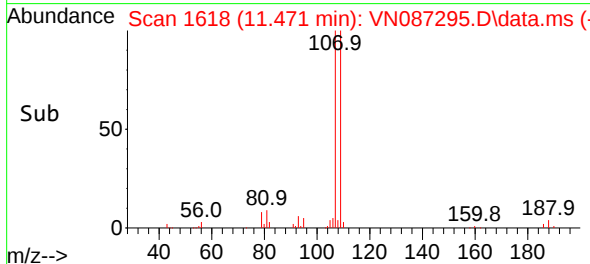
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



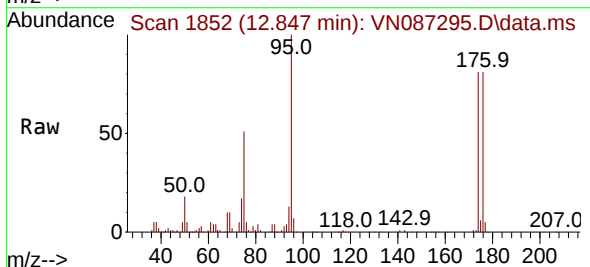
Tgt Ion:107 Resp: 146499
Ion Ratio Lower Upper
107 100
109 97.6 76.0 114.0

Manual Integrations
APPROVED

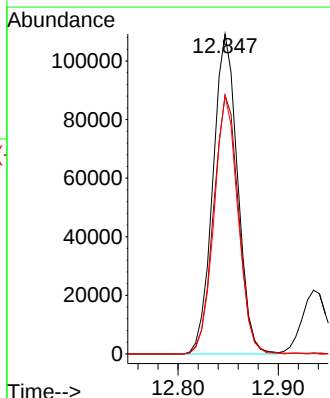
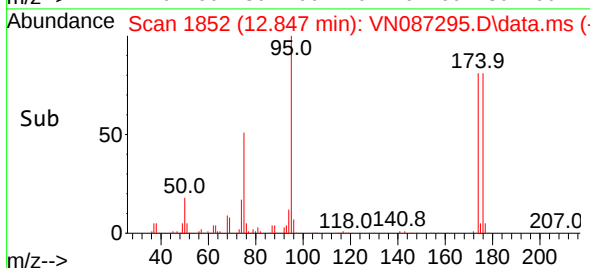
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

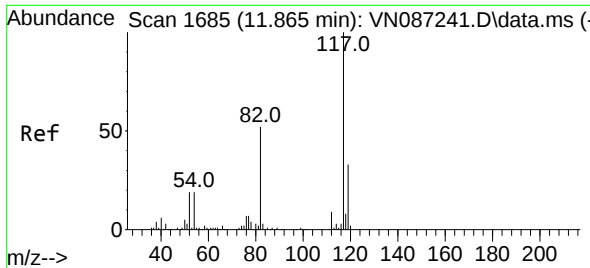


#62
4-Bromofluorobenzene
Concen: 56.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



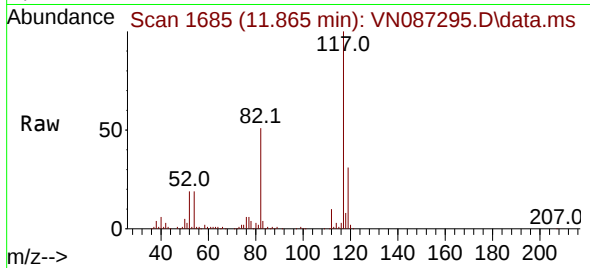
Tgt Ion: 95 Resp: 186499
Ion Ratio Lower Upper
95 100
174 81.8 0.0 169.6
176 78.4 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

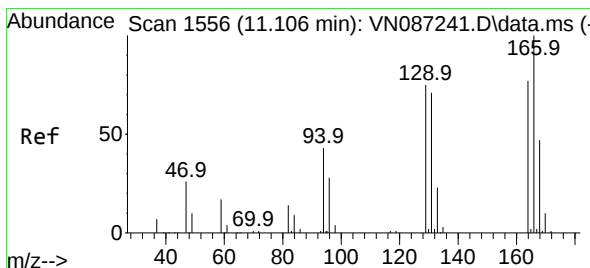
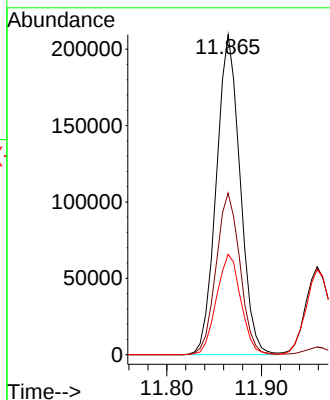
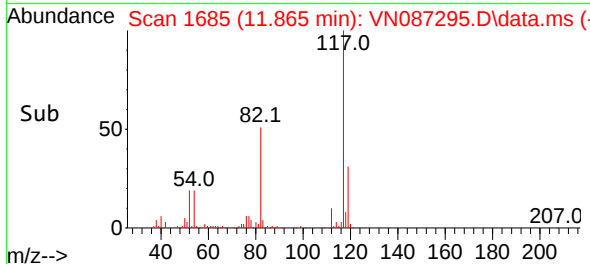
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 365773
Ion Ratio Lower Upper
117 100
82 50.5 41.9 62.9
119 31.3 26.2 39.4

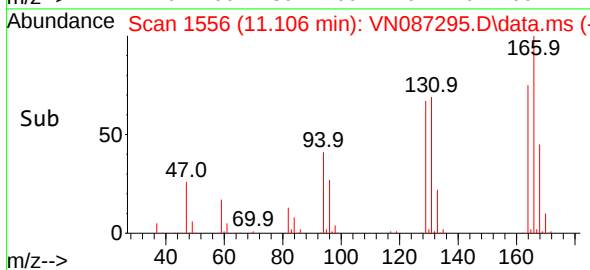
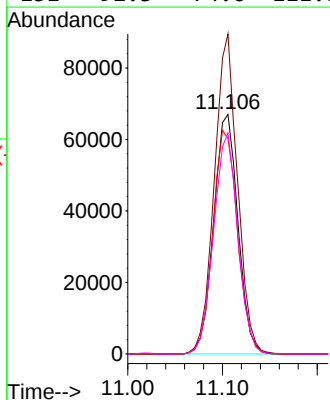
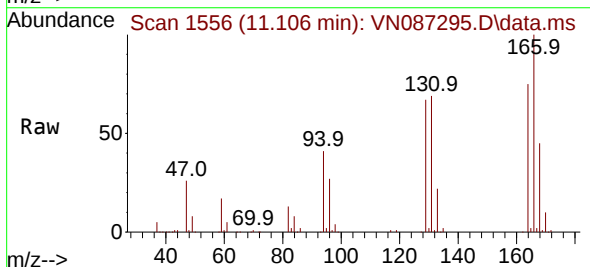
Manual Integrations
APPROVED

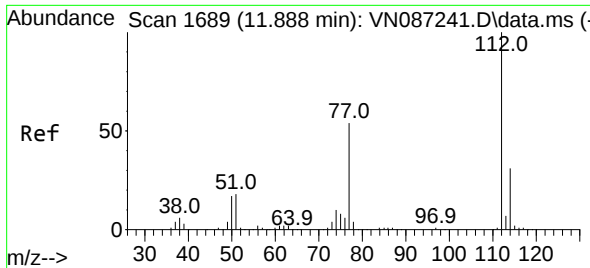
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#64
Tetrachloroethene
Concen: 49.091 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

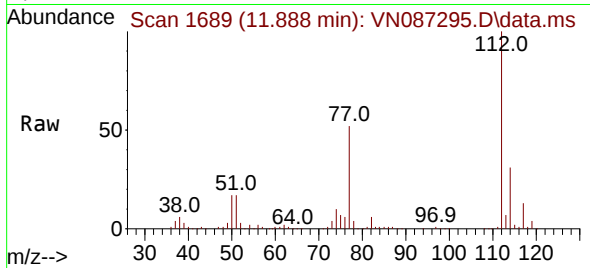
Tgt Ion:164 Resp: 119723
Ion Ratio Lower Upper
164 100
166 133.6 104.3 156.5
129 89.8 78.5 117.7
131 92.3 74.6 111.8





#65
Chlorobenzene
Concen: 50.965 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

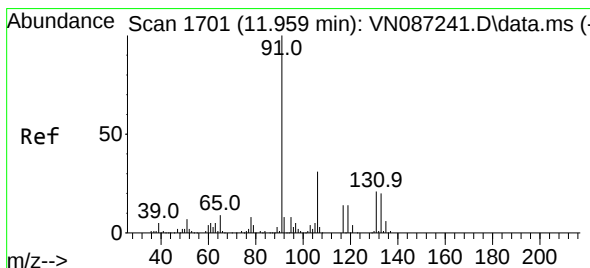
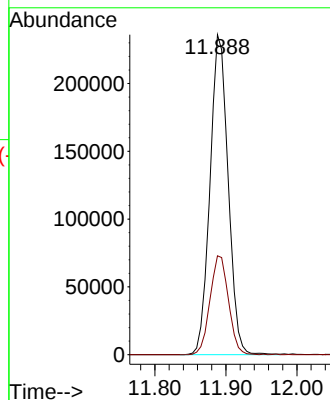
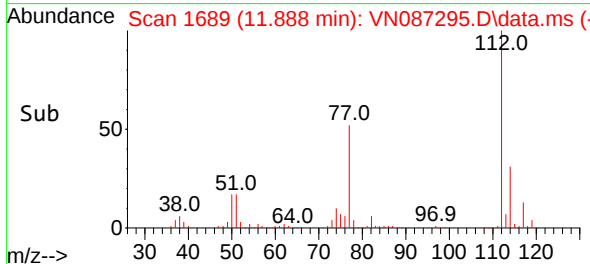
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 418292
Ion Ratio Lower Upper
112 100
114 30.9 24.4 36.6

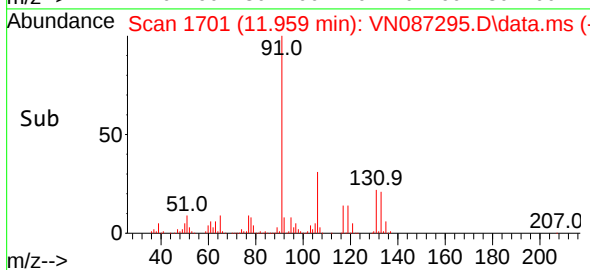
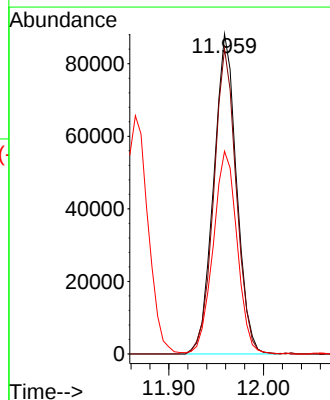
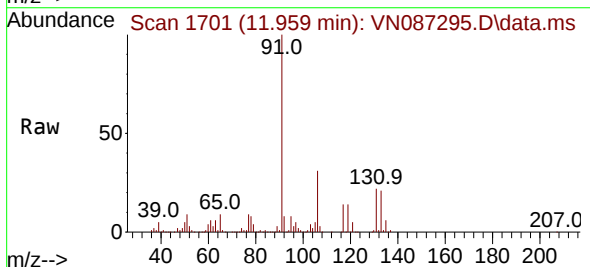
Manual Integrations
APPROVED

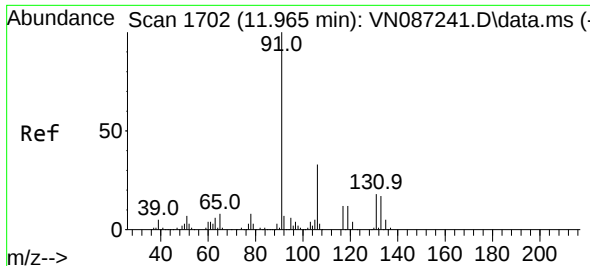
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.303 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

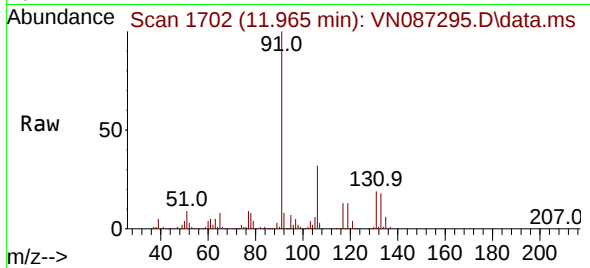
Tgt Ion:131 Resp: 148227
Ion Ratio Lower Upper
131 100
133 94.1 47.2 141.6
119 66.3 32.4 97.2





#67
Ethyl Benzene
Concen: 51.423 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

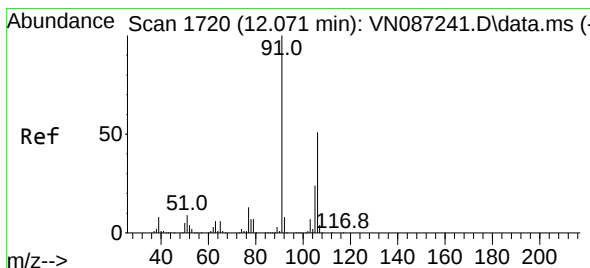
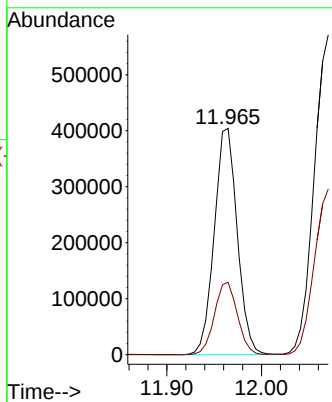
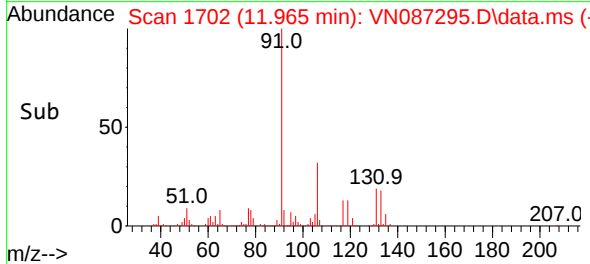
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



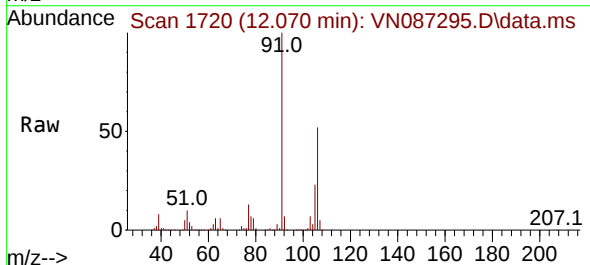
Tgt Ion: 91 Resp: 682945
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.4

Manual Integrations
APPROVED

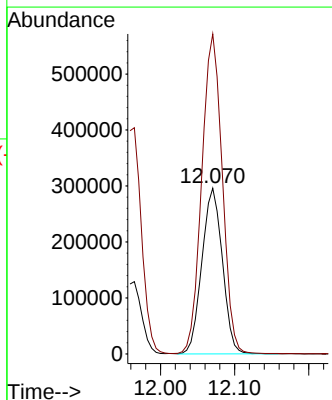
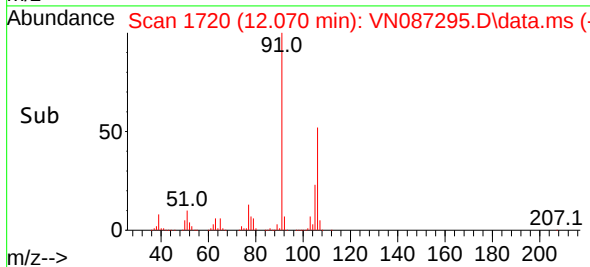
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

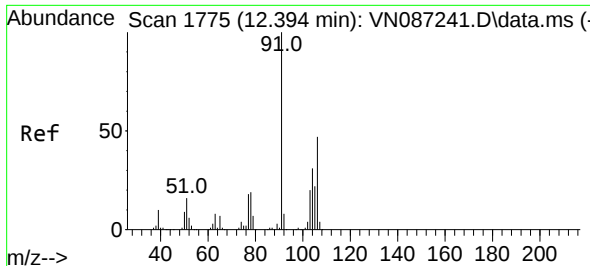


#68
m/p-Xylenes
Concen: 106.802 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



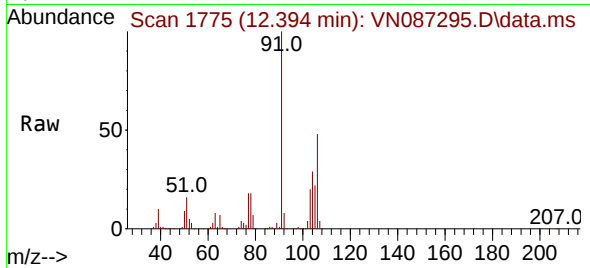
Tgt Ion:106 Resp: 566705
Ion Ratio Lower Upper
106 100
91 193.8 158.2 237.2





#69
o-Xylene
Concen: 53.807 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

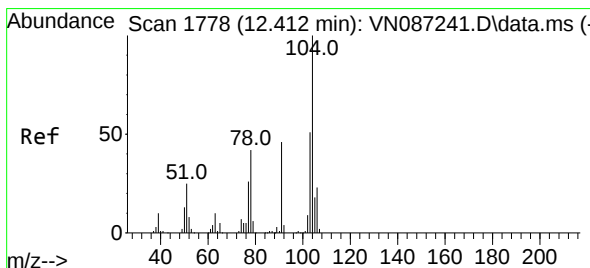
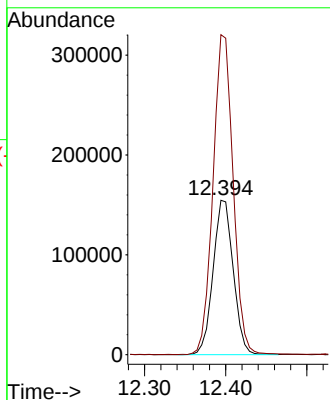
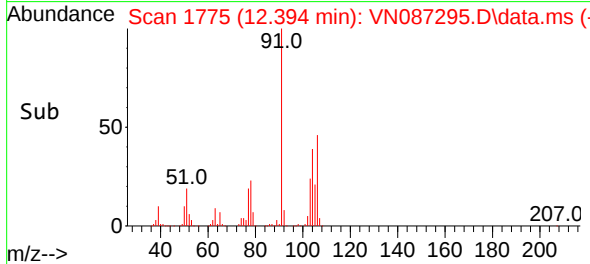
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 26707
Ion Ratio Lower Upper
106 100
91 206.6 105.4 316.1

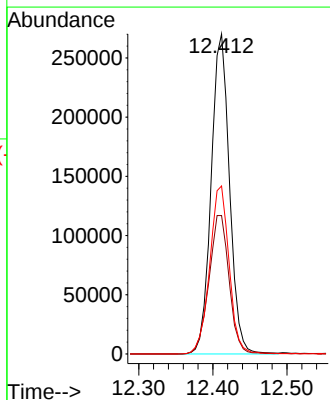
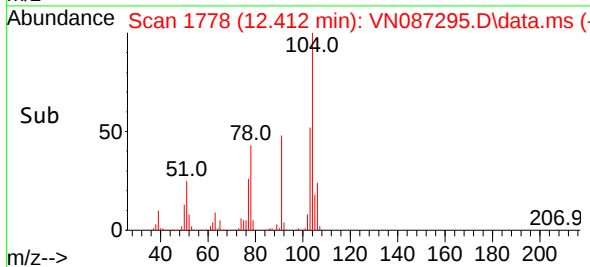
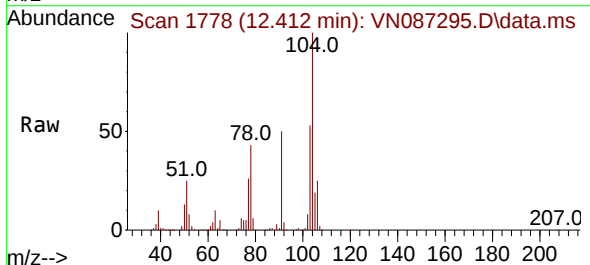
Manual Integrations
APPROVED

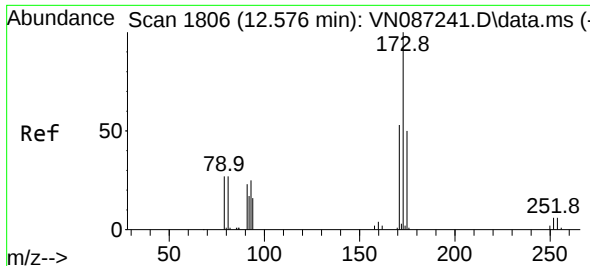
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#70
Styrene
Concen: 55.054 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

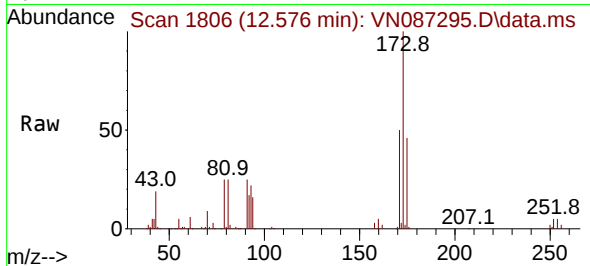
Tgt Ion:104 Resp: 464405
Ion Ratio Lower Upper
104 100
78 47.6 37.6 56.4
103 55.6 44.0 66.0





#71
Bromoform
Concen: 58.078 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

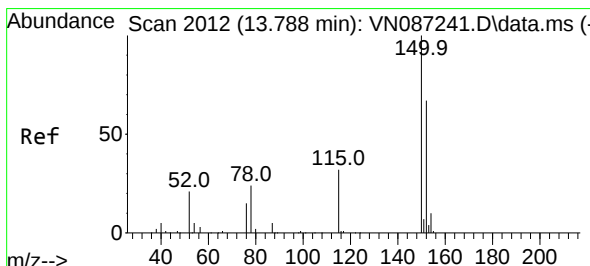
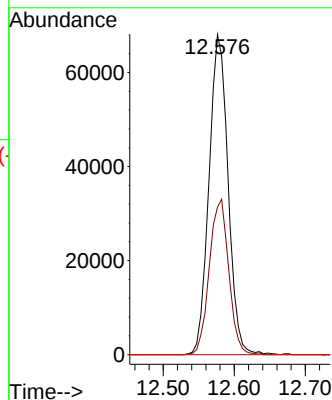
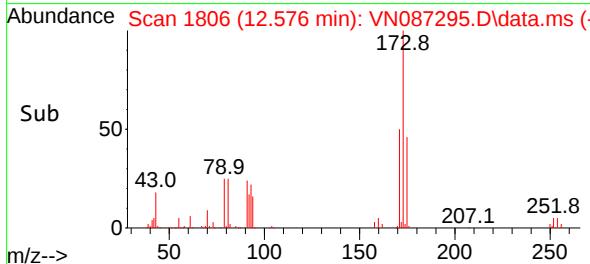
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



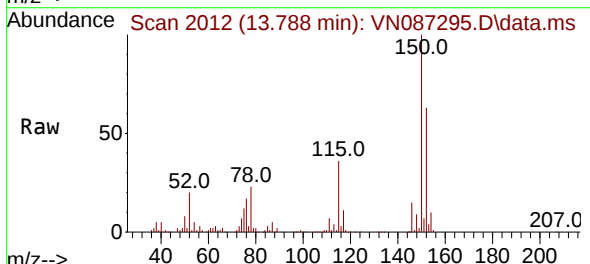
Tgt Ion:173 Resp: 12698
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

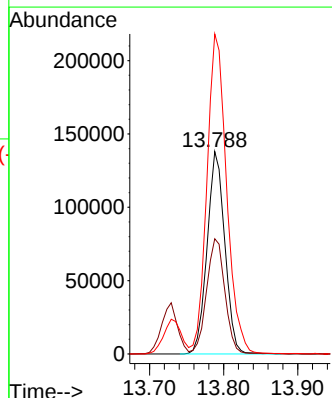
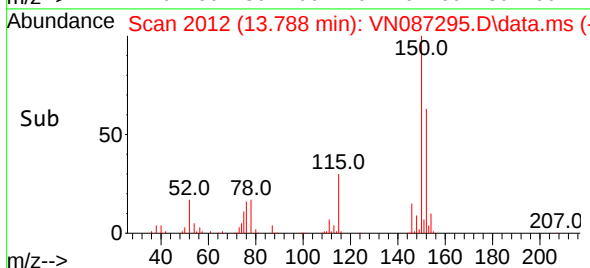
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

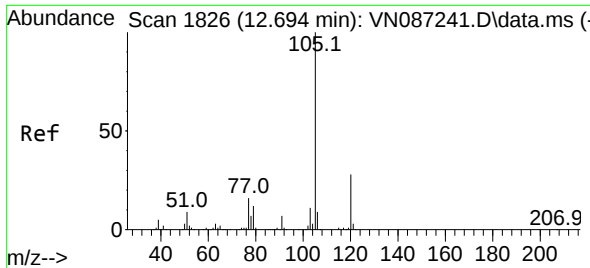


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



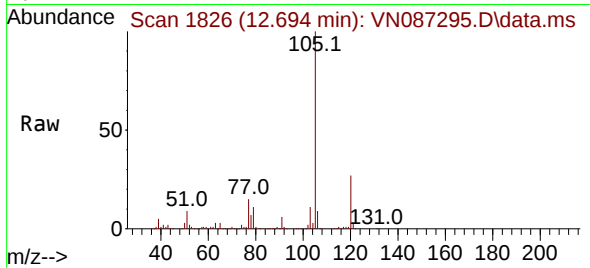
Tgt Ion:152 Resp: 228701
Ion Ratio Lower Upper
152 100
115 58.3 28.3 84.9
150 175.8 0.0 344.6





#73
Isopropylbenzene
Concen: 47.483 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

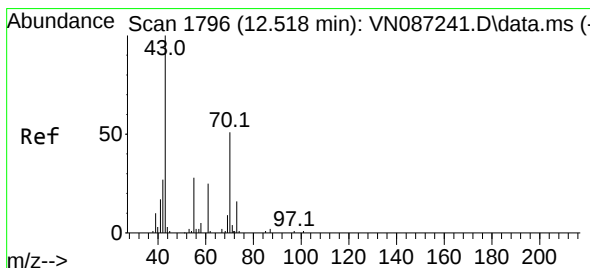
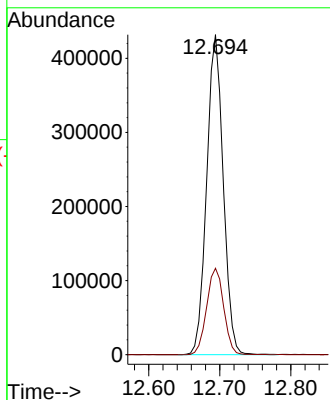
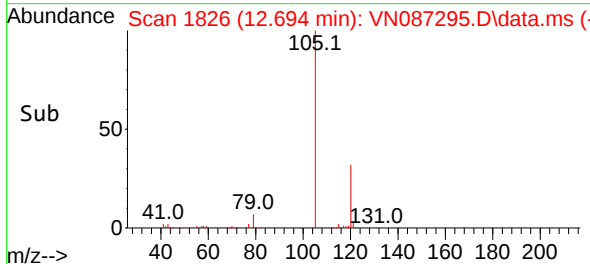
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 699710
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.6

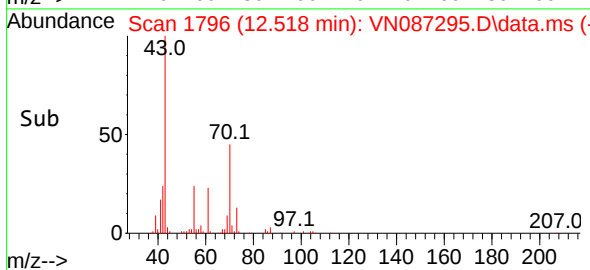
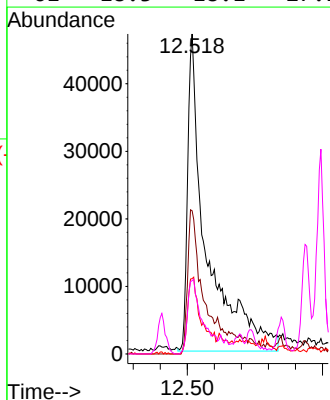
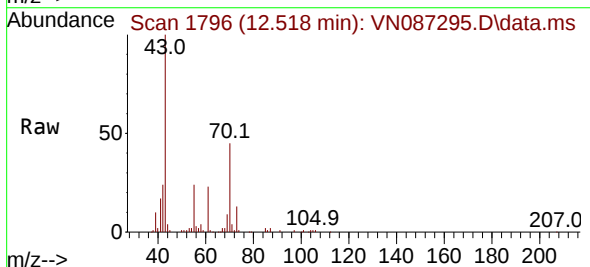
Manual Integrations
APPROVED

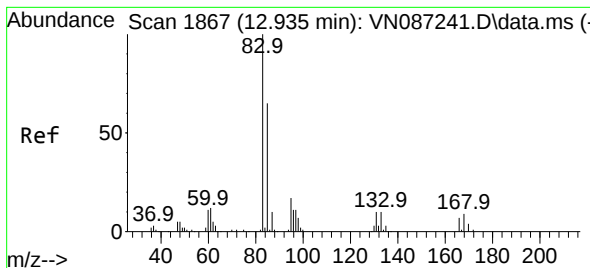
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#74
N-ethyl acetate
Concen: 47.138 ug/l m
RT: 12.518 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

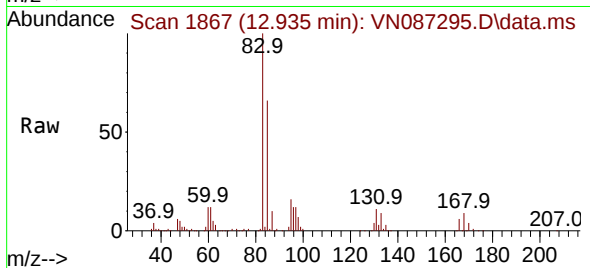
Tgt Ion: 43 Resp: 228431
Ion Ratio Lower Upper
43 100
70 32.4 29.2 43.8
55 17.8 17.0 25.4
61 18.3 18.1 27.1





#75
1,1,2,2-Tetrachloroethane
Concen: 48.813 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

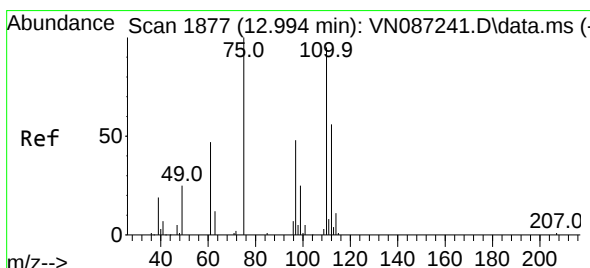
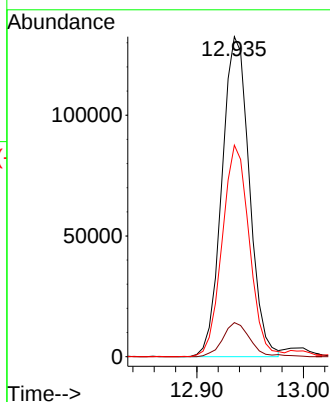
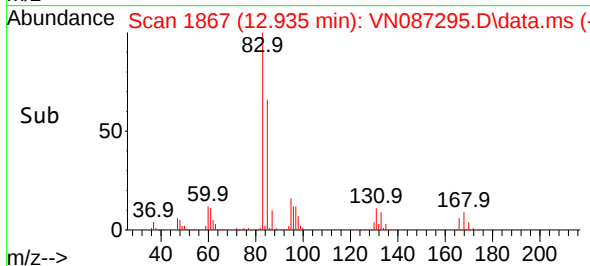
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



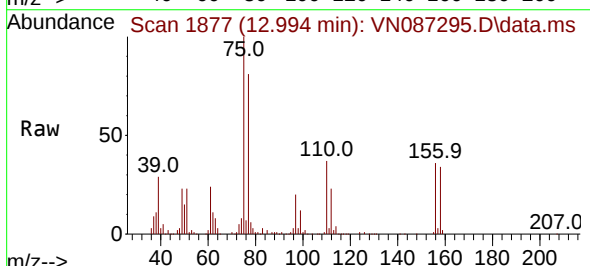
Tgt Ion: 83 Resp: 236608
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 65.6 32.2 96.6

Manual Integrations
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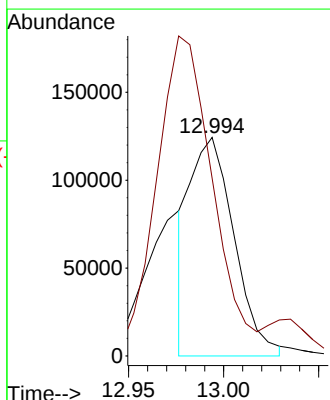
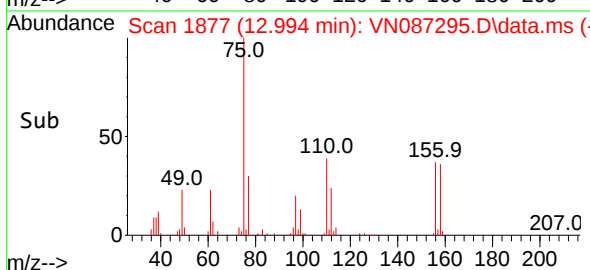
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

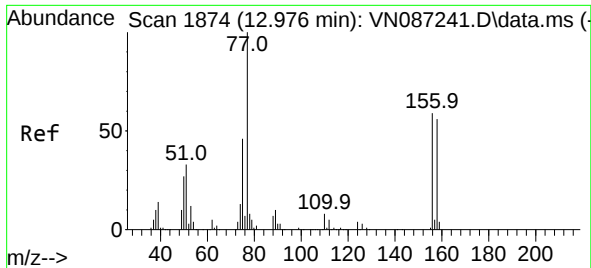


#76
1,2,3-Trichloropropane
Concen: 46.239 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



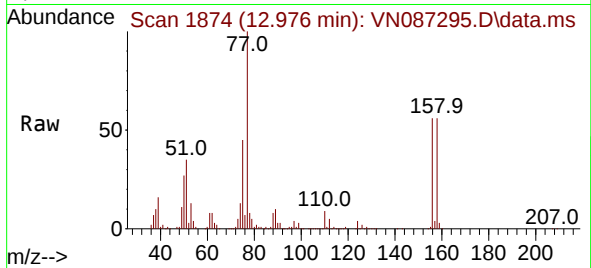
Tgt Ion: 75 Resp: 201144
Ion Ratio Lower Upper
75 100
77 186.3 82.0 245.8





#77
Bromobenzene
Concen: 48.025 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

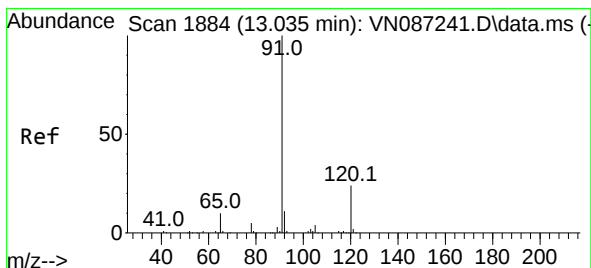
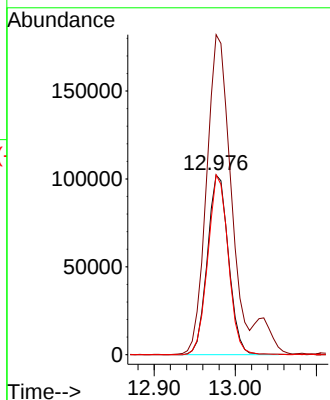
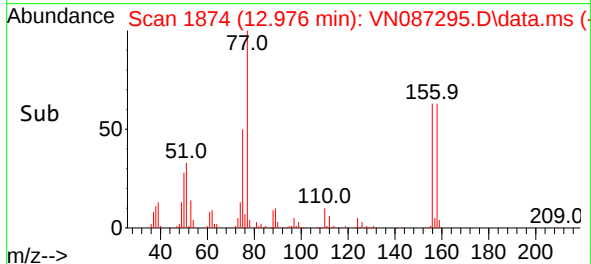
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 184740
Ion Ratio Lower Upper
156 100
77 202.8 98.0 294.1
158 96.8 47.7 143.1

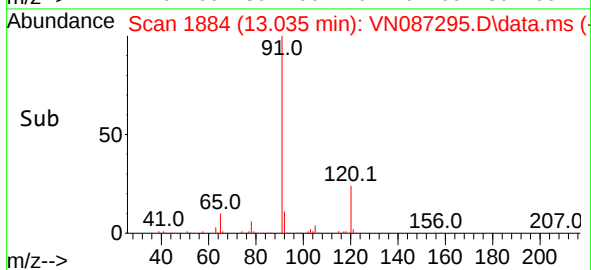
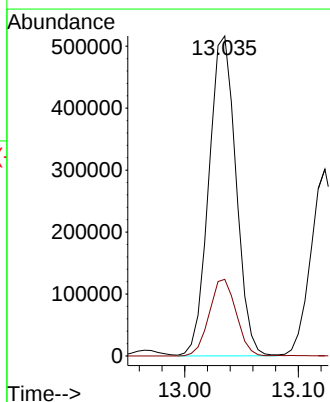
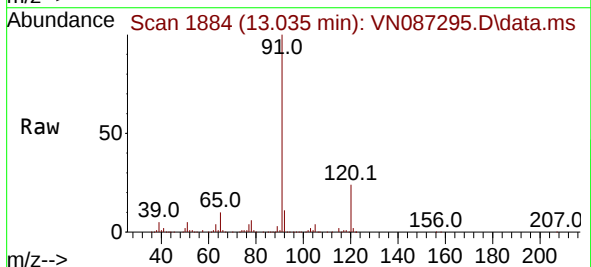
Manual Integrations
APPROVED

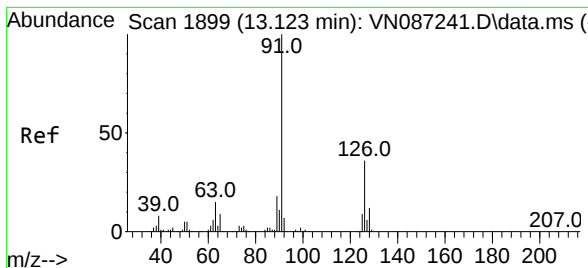
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#78
n-propylbenzene
Concen: 48.245 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 91 Resp: 858767
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.0





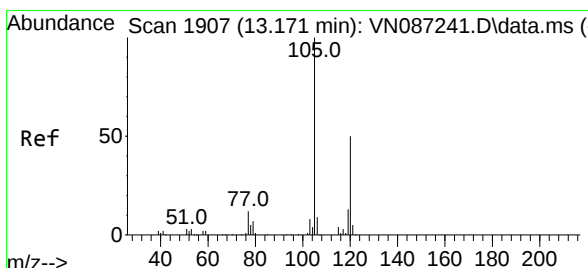
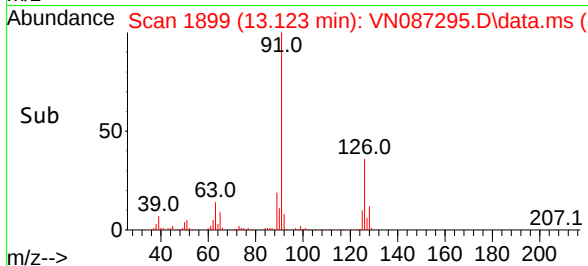
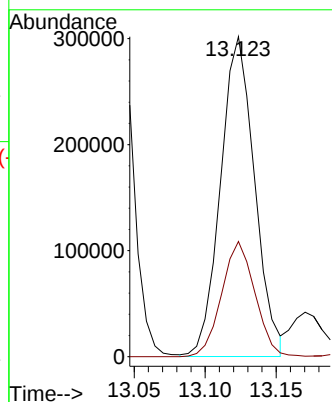
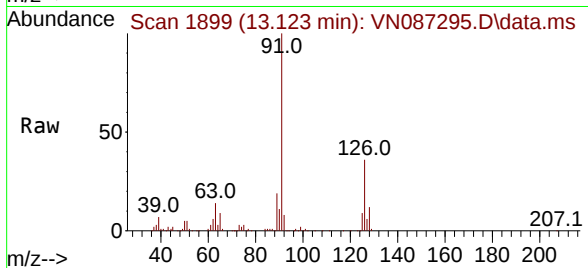
#79
2-Chlorotoluene
Concen: 47.528 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 503494
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.3

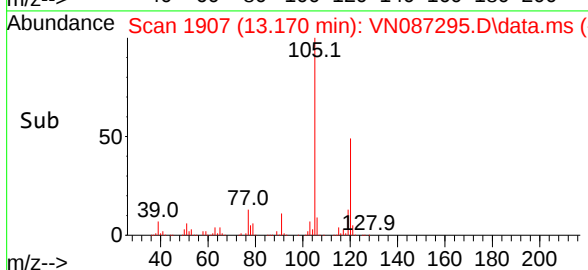
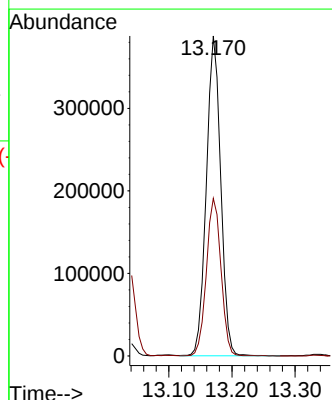
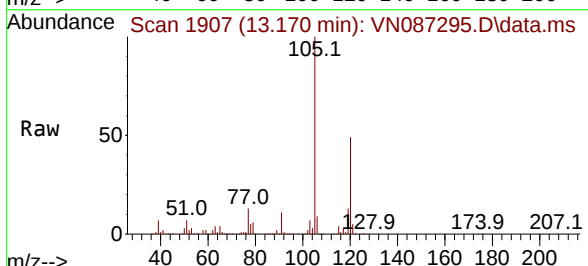
Manual Integrations
APPROVED

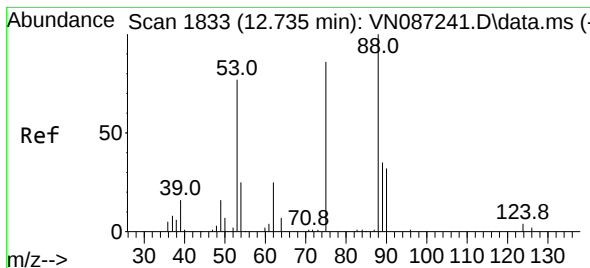
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.639 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

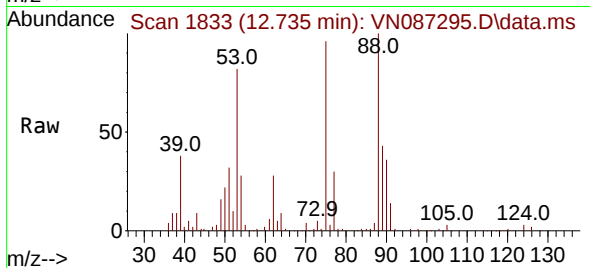
Tgt Ion:105 Resp: 611421
Ion Ratio Lower Upper
105 100
120 50.1 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.912 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

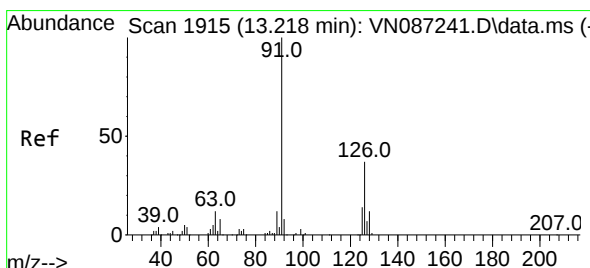
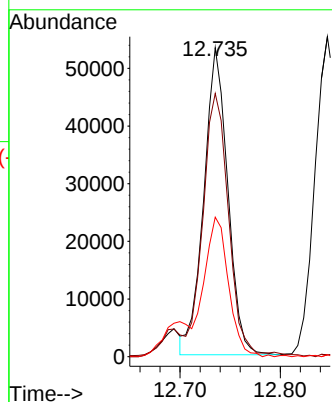
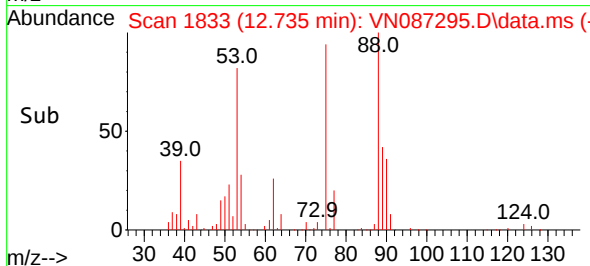
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



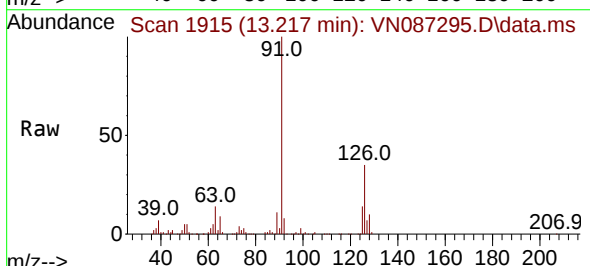
Tgt Ion: 75 Resp: 8873
Ion Ratio Lower Upper
75 100
53 87.8 70.6 105.8
89 45.6 36.1 54.1

Manual Integrations
APPROVED

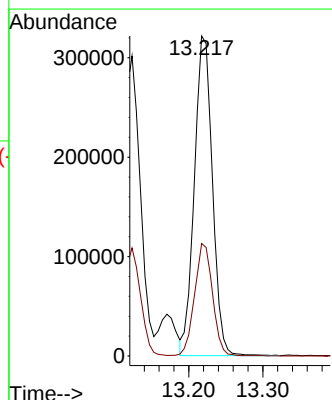
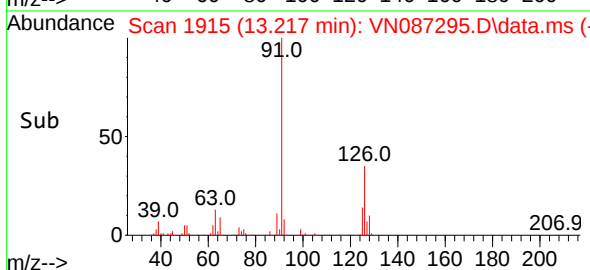
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

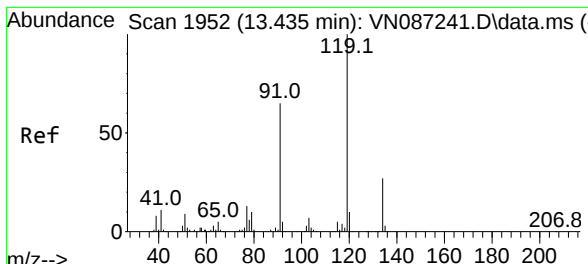


#82
4-Chlorotoluene
Concen: 49.090 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



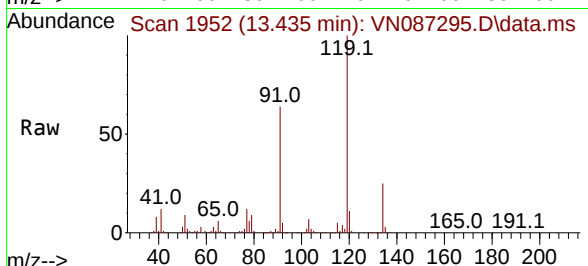
Tgt Ion: 91 Resp: 544384
Ion Ratio Lower Upper
91 100
126 34.9 18.2 54.6





#83
 tert-Butylbenzene
 Concen: 50.098 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

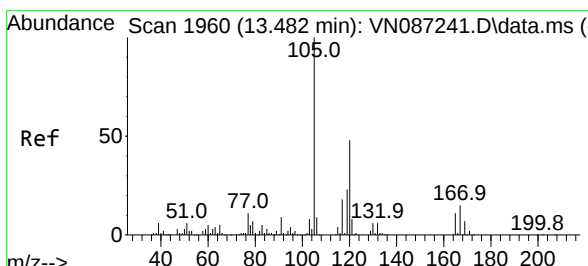
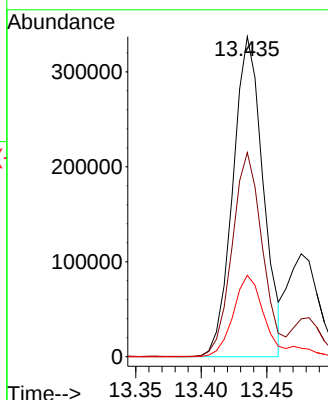
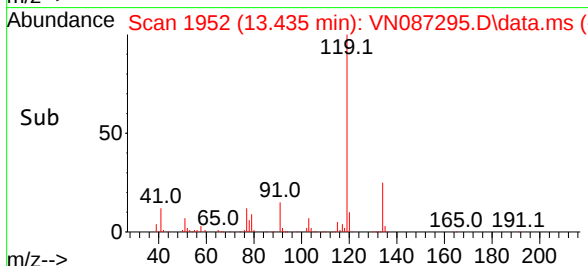
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



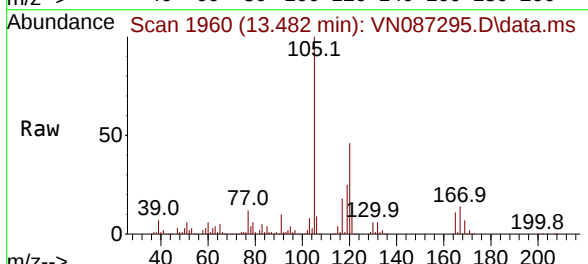
Tgt Ion:119 Resp: 540634
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.5 97.4
 134 27.8 14.2 42.8

Manual Integrations
 APPROVED

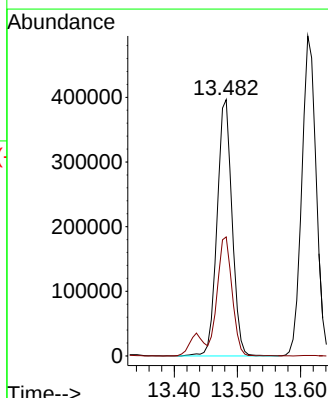
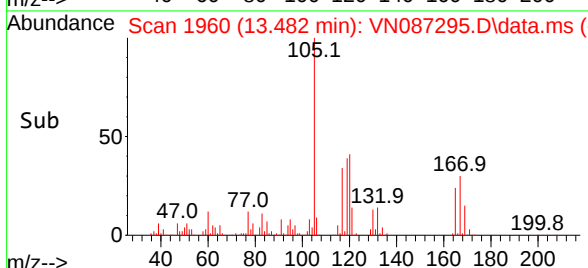
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

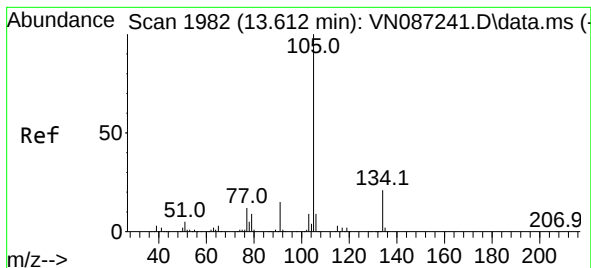


#84
 1,2,4-Trimethylbenzene
 Concen: 52.923 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37



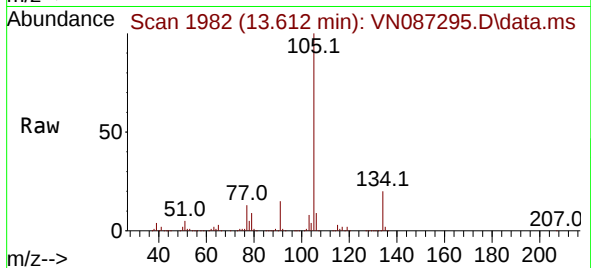
Tgt Ion:105 Resp: 653002
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 51.158 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

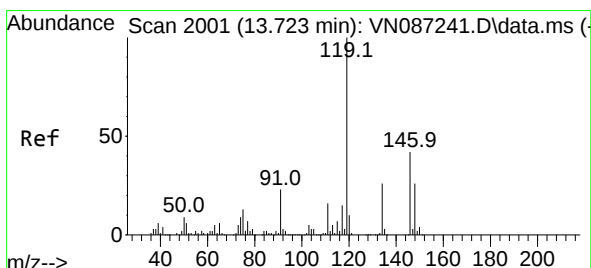
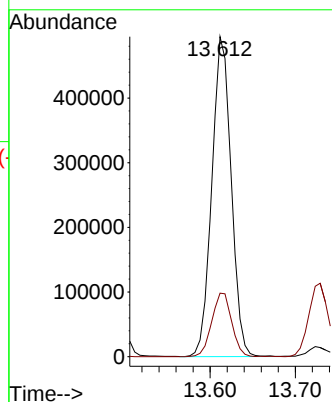
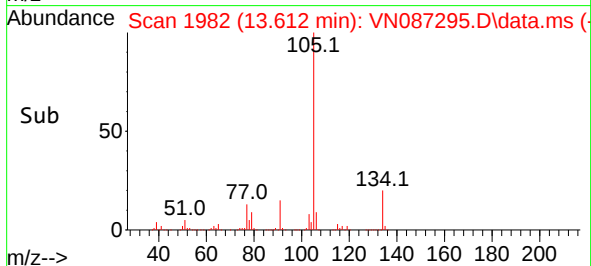
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 782550
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4

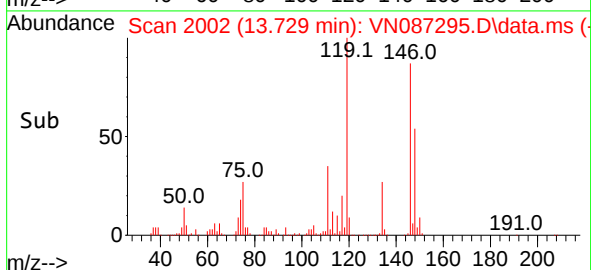
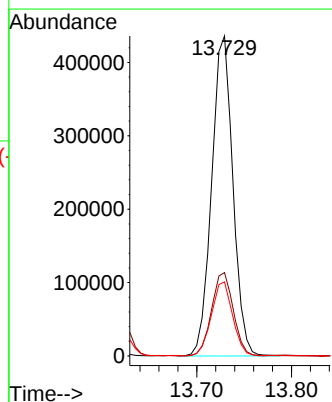
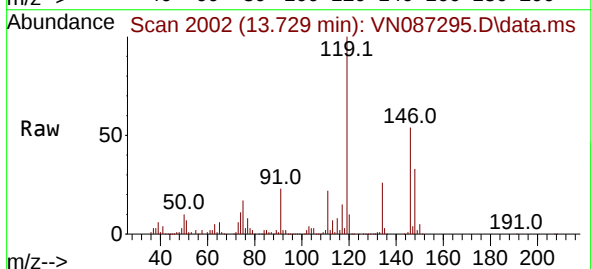
Manual Integrations
 APPROVED

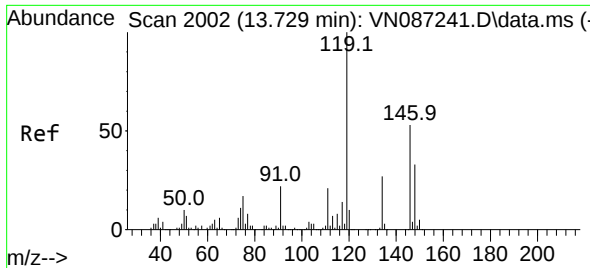
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#86
 p-Isopropyltoluene
 Concen: 51.624 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

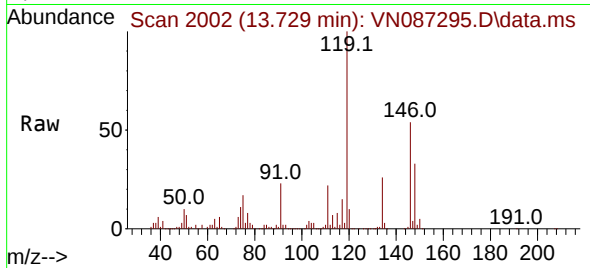
Tgt Ion:119 Resp: 678777
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 50.571 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

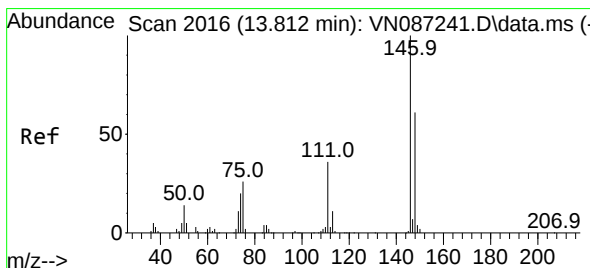
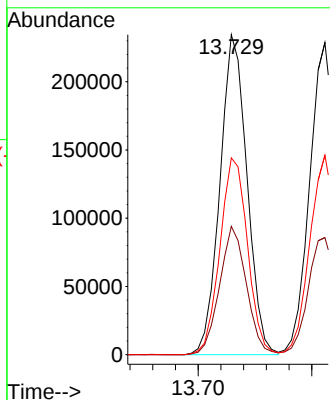
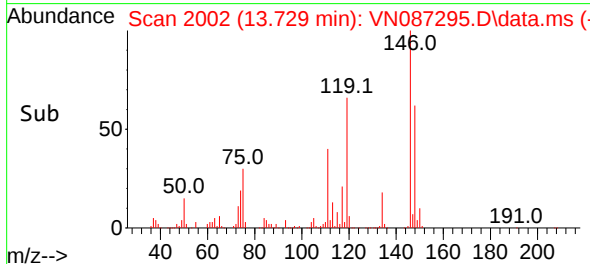
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



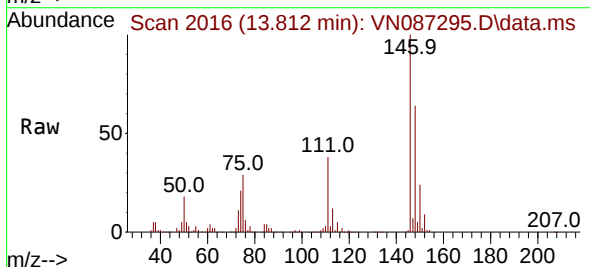
Tgt Ion:146 Resp: 38740
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.4
148 62.8 32.0 96.0

Manual Integrations
APPROVED

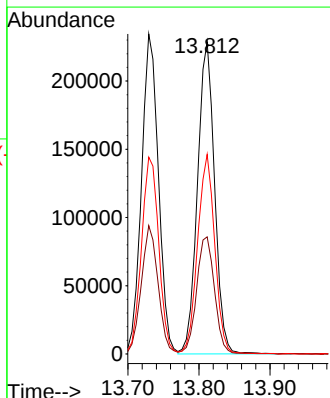
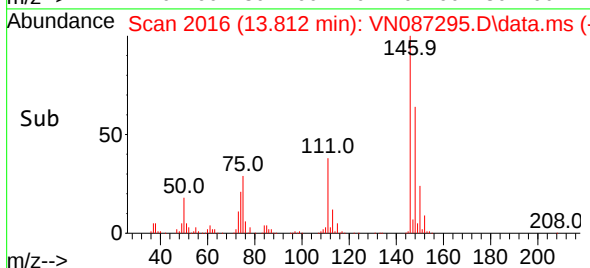
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

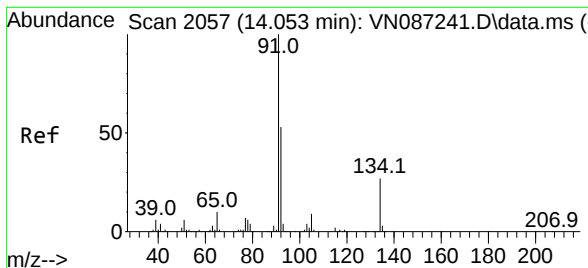


#88
1,4-Dichlorobenzene
Concen: 47.902 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



Tgt Ion:146 Resp: 383160
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.5
148 64.1 31.8 95.3





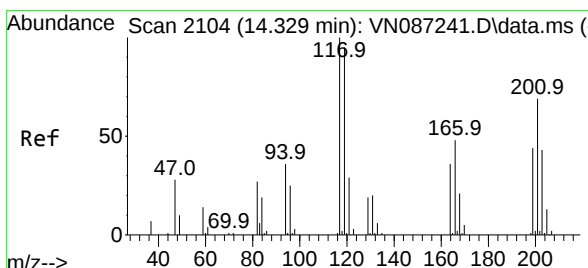
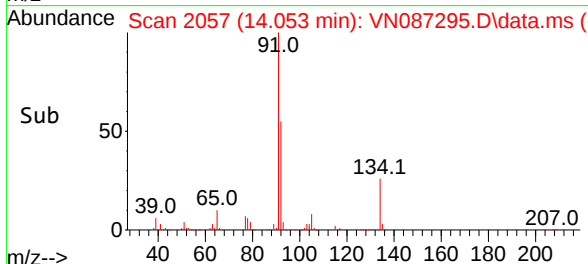
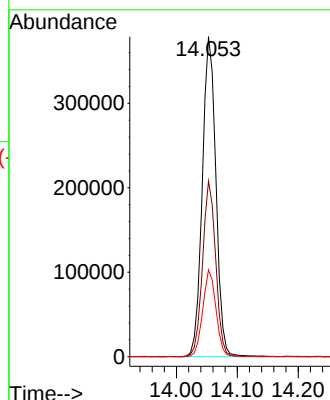
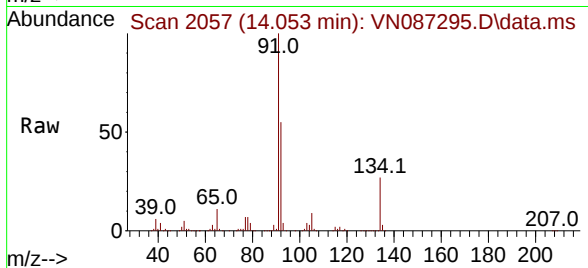
#89
n-Butylbenzene
Concen: 50.960 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 58994
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 26.4 13.7 41.1

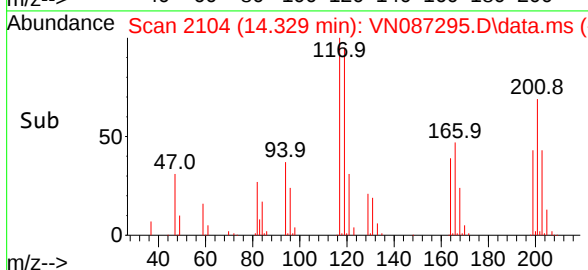
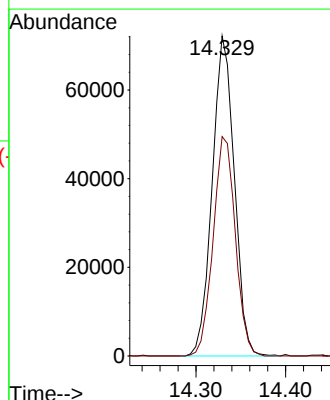
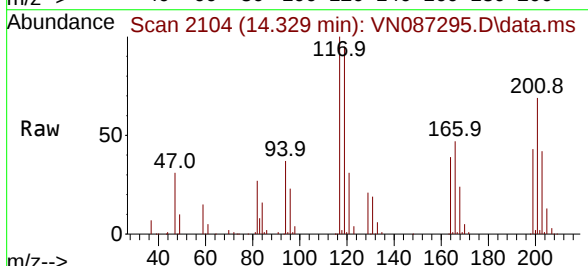
Manual Integrations
APPROVED

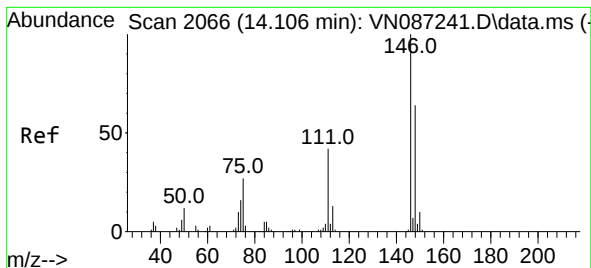
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#90
Hexachloroethane
Concen: 50.750 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

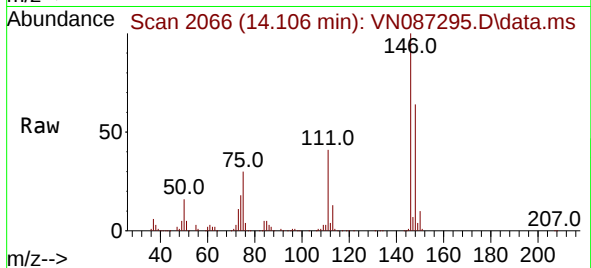
Tgt Ion:117 Resp: 123515
Ion Ratio Lower Upper
117 100
201 68.9 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 50.404 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

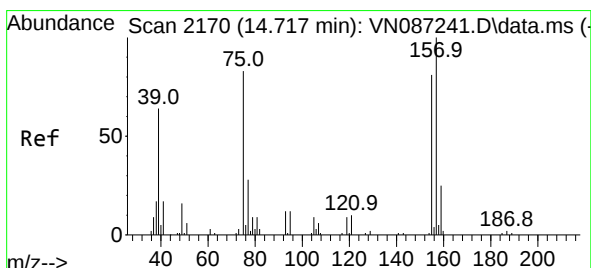
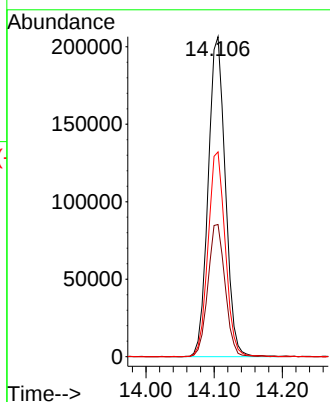
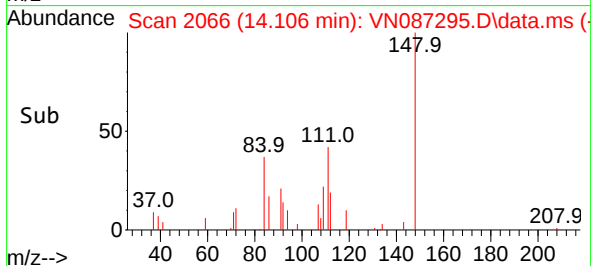
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



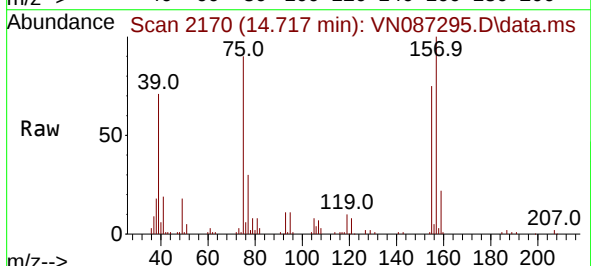
Tgt Ion:146 Resp: 361120
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.2 31.4 94.3

Manual Integrations
APPROVED

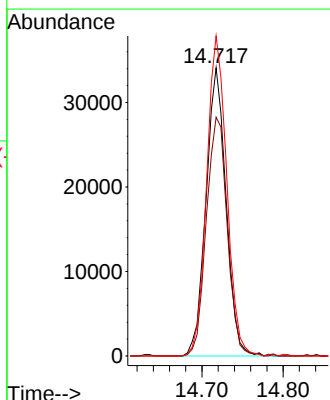
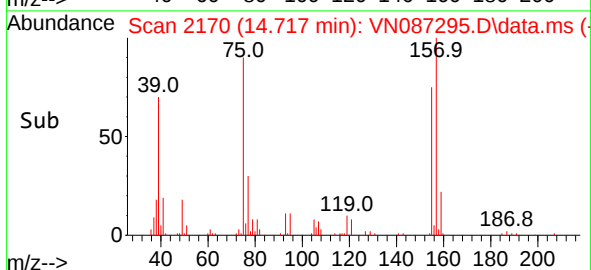
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

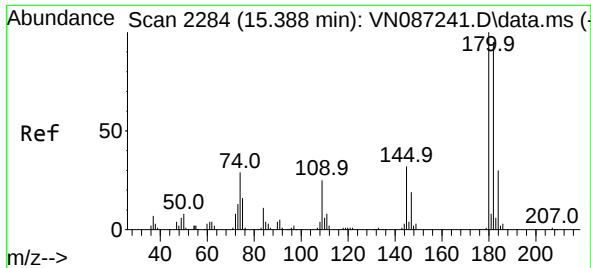


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.277 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37



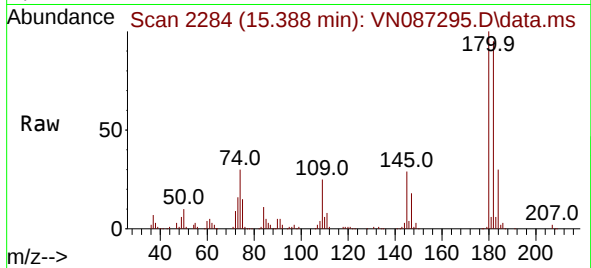
Tgt Ion: 75 Resp: 58565
Ion Ratio Lower Upper
75 100
155 86.1 46.8 140.3
157 111.0 58.1 174.4





#93
1,2,4-Trichlorobenzene
Concen: 47.374 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

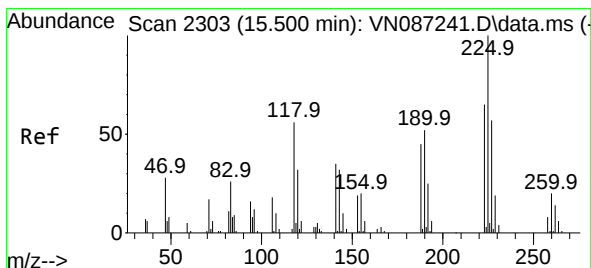
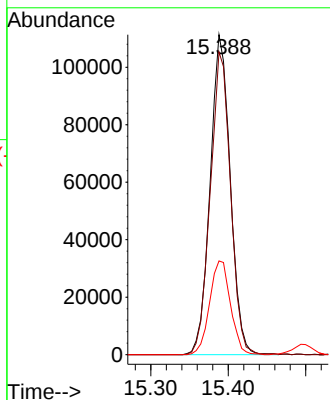
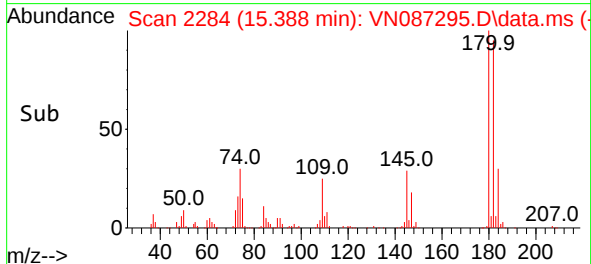
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 20071
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.0
145 30.4 15.4 46.2

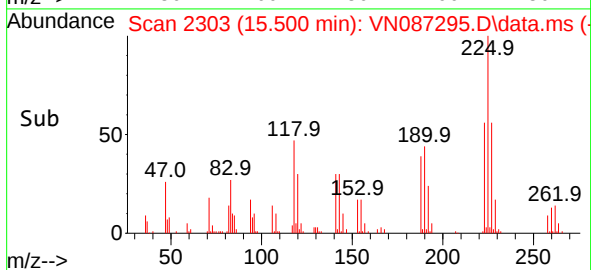
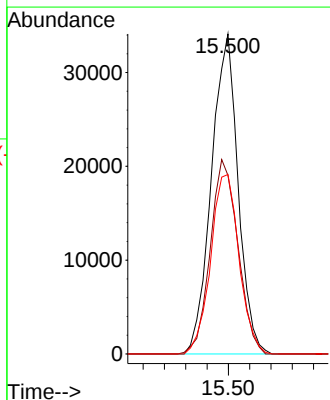
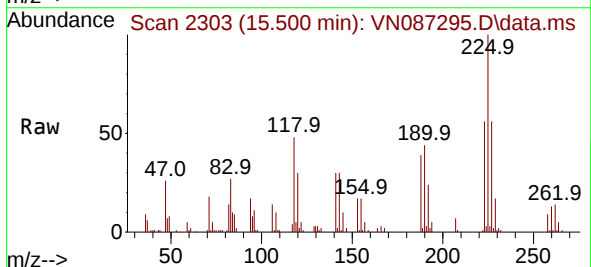
Manual Integrations
APPROVED

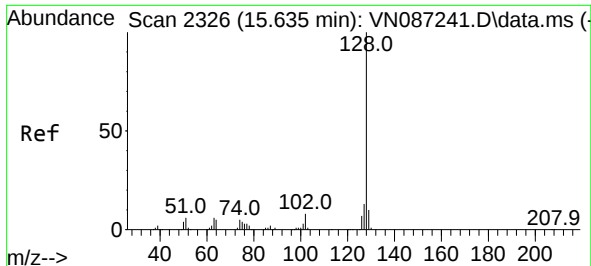
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#94
Hexachlorobutadiene
Concen: 43.988 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

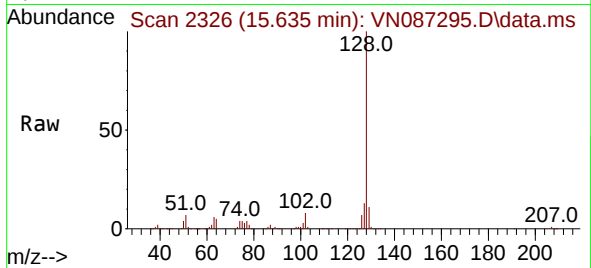
Tgt Ion:225 Resp: 59201
Ion Ratio Lower Upper
225 100
223 63.1 33.5 100.4
227 59.8 30.9 92.7





#95
Naphthalene
Concen: 50.187 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

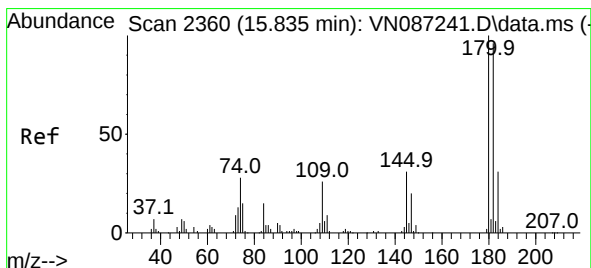
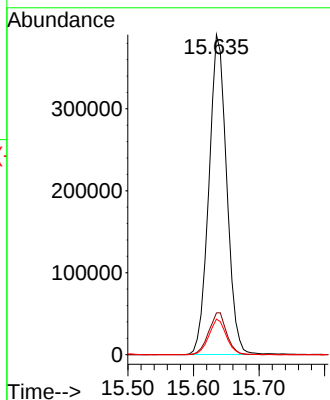
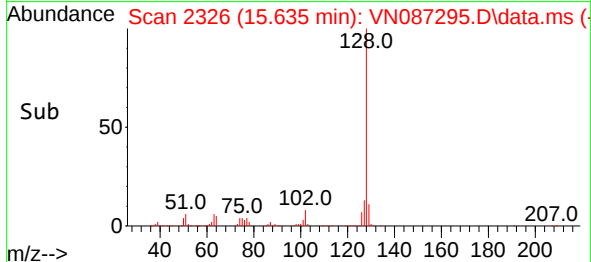
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 735644
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.635 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:180 Resp: 196618
Ion Ratio Lower Upper
180 100
182 95.0 47.7 143.1
145 32.1 15.7 47.1

