

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086189.D
 Acq On : 31 Mar 2025 23:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 01:42:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	143667	64.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.340%#			
35) Dibromofluoromethane	8.165	113	121254	48.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.840%			
50) Toluene-d8	10.565	98	457535	50.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.847	95	110530	34.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 68.200%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	148480	69.079	ug/l	100
3) Chloromethane	2.359	50	107900	57.261	ug/l	98
4) Vinyl Chloride	2.512	62	119511	62.029	ug/l	99
5) Bromomethane	2.942	94	72872	55.526	ug/l	95
6) Chloroethane	3.112	64	73389	60.380	ug/l	92
7) Trichlorofluoromethane	3.494	101	227867	65.791	ug/l	97
8) Diethyl Ether	3.959	74	76048	71.724	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	127642	69.342	ug/l	97
10) Methyl Iodide	4.589	142	171800	71.627	ug/l	96
11) Tert butyl alcohol	5.518	59	88604	281.691	ug/l	99
12) 1,1-Dichloroethene	4.336	96	120790	72.671	ug/l	93
13) Acrolein	4.183	56	129570	386.216	ug/l	97
14) Allyl chloride	5.024	41	148666	71.694	ug/l	96
15) Acrylonitrile	5.718	53	294949	355.058	ug/l	97
16) Acetone	4.424	43	217436	320.357	ug/l	97
17) Carbon Disulfide	4.712	76	366055	66.965	ug/l	100
18) Methyl Acetate	5.024	43	124681	74.246	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	385693	70.813	ug/l	98
20) Methylene Chloride	5.271	84	138774	69.891	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	130094	71.619	ug/l	99
22) Diisopropyl ether	6.671	45	355574	80.467	ug/l	97
23) Vinyl Acetate	6.600	43	1318227	393.525	ug/l	97
24) 1,1-Dichloroethane	6.565	63	235937	72.609	ug/l	99
25) 2-Butanone	7.482	43	339635	346.791	ug/l	96
26) 2,2-Dichloropropane	7.488	77	167269	53.468	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	149982	72.659	ug/l	98
28) Bromochloromethane	7.812	49	104054	75.582	ug/l	91
29) Tetrahydrofuran	7.835	42	232644	384.774	ug/l	94
30) Chloroform	7.965	83	245456	68.340	ug/l	100
31) Cyclohexane	8.259	56	143433	51.815	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	222134	65.336	ug/l	98
36) 1,1-Dichloropropene	8.371	75	155042	47.016	ug/l	99
37) Ethyl Acetate	7.553	43	142896	51.363	ug/l	98
38) Carbon Tetrachloride	8.359	117	192887	44.486	ug/l	100
39) Methylcyclohexane	9.600	83	171941	52.553	ug/l	97
40) Benzene	8.606	78	550112	53.140	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086189.D
 Acq On : 31 Mar 2025 23:29
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 01 01:42:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	73909	55.636	ug/l	94
42) 1,2-Dichloroethane	8.665	62	171115	47.438	ug/l	97
43) Isopropyl Acetate	8.688	43	276286	45.829	ug/l	93
44) Trichloroethene	9.353	130	126703	47.224	ug/l	98
45) 1,2-Dichloropropane	9.618	63	131592	55.888	ug/l	97
46) Dibromomethane	9.706	93	94488	51.028	ug/l	99
47) Bromodichloromethane	9.888	83	192742	49.805	ug/l	99
48) Methyl methacrylate	9.676	41	111413	56.004	ug/l	95
49) 1,4-Dioxane	9.694	88	46198	982.357	ug/l	90
51) 4-Methyl-2-Pentanone	10.441	43	744493	280.018	ug/l	97
52) Toluene	10.629	92	346598	54.551	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	171699	45.685	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	206593	52.100	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	127177	52.443	ug/l	97
56) Ethyl methacrylate	10.870	69	183688	48.795	ug/l	97
57) 1,3-Dichloropropane	11.159	76	216231	52.498	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	446159	296.592	ug/l	97
59) 2-Hexanone	11.194	43	535505	276.480	ug/l	96
60) Dibromochloromethane	11.359	129	157326	50.276	ug/l	98
61) 1,2-Dibromoethane	11.465	107	128011	51.419	ug/l	98
64) Tetrachloroethene	11.100	164	118537	45.579	ug/l	97
65) Chlorobenzene	11.888	112	369024	49.466	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	135249	48.770	ug/l	98
67) Ethyl Benzene	11.959	91	635686	53.269	ug/l	97
68) m/p-Xylenes	12.070	106	513033	109.379	ug/l	97
69) o-Xylene	12.394	106	238286	55.352	ug/l	97
70) Styrene	12.412	104	408584	55.568	ug/l	98
71) Bromoform	12.576	173	109572	47.264	ug/l #	99
73) Isopropylbenzene	12.694	105	589561	74.292	ug/l	99
74) N-amyl acetate	12.494	43	208714	78.611	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	111393	41.491	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	110257m	42.379	ug/l	
77) Bromobenzene	12.976	156	102286	46.225	ug/l	95
78) n-propylbenzene	13.035	91	450087	50.087	ug/l	100
79) 2-Chlorotoluene	13.123	91	291793	48.887	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	347386	51.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61865	62.867	ug/l	98
82) 4-Chlorotoluene	13.217	91	302639	49.307	ug/l	100
83) tert-Butylbenzene	13.435	119	283364	49.450	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	363324	53.764	ug/l	100
85) sec-Butylbenzene	13.611	105	390728	52.269	ug/l	100
86) p-Isopropyltoluene	13.729	119	337436	53.325	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	191193	47.935	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	188074	44.879	ug/l	99
89) n-Butylbenzene	14.053	91	264764	51.380	ug/l	99
90) Hexachloroethane	14.329	117	67663	46.340	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	186890	47.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25061	46.762	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	94374	47.336	ug/l	97
94) Hexachlorobutadiene	15.500	225	49501	42.796	ug/l	99
95) Naphthalene	15.641	128	294092	50.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	95161	50.302	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086189.D
Acq On : 31 Mar 2025 23:29
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

Quant Time: Apr 01 01:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

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

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

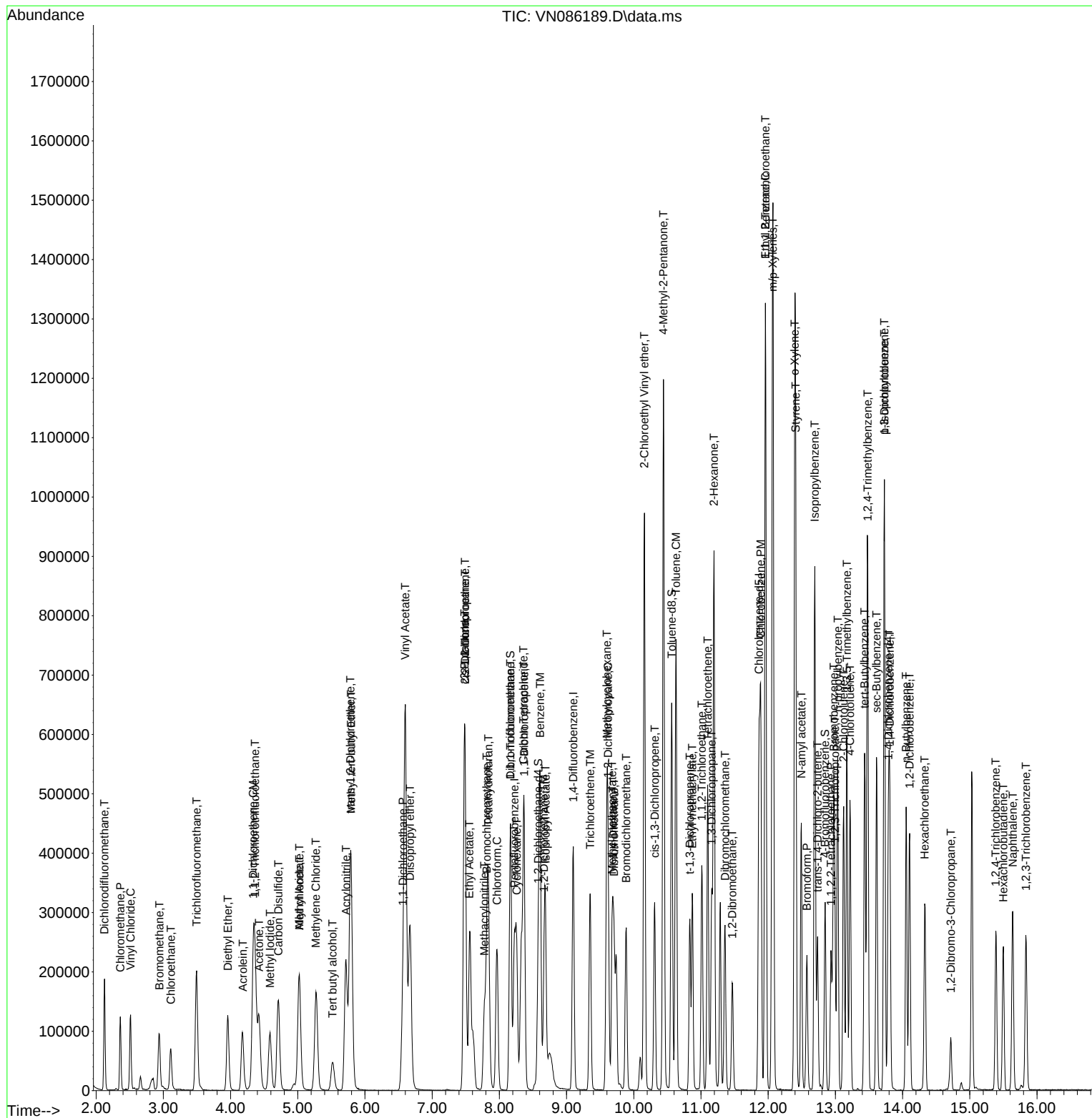
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086189.D
 Acq On : 31 Mar 2025 23:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

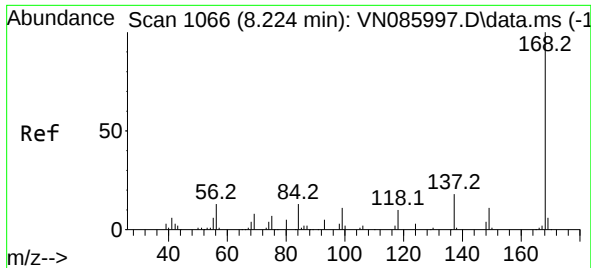
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

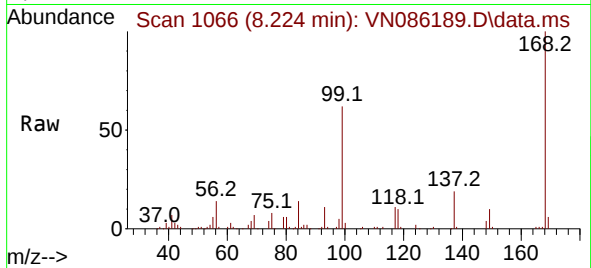
Quant Time: Apr 01 01:42:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

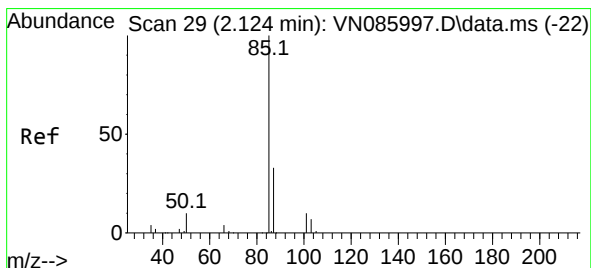
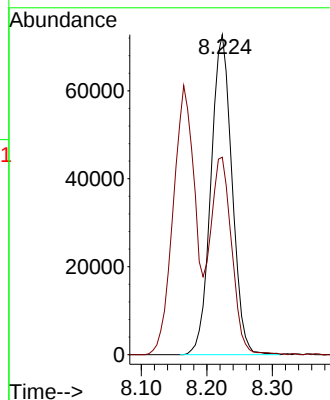
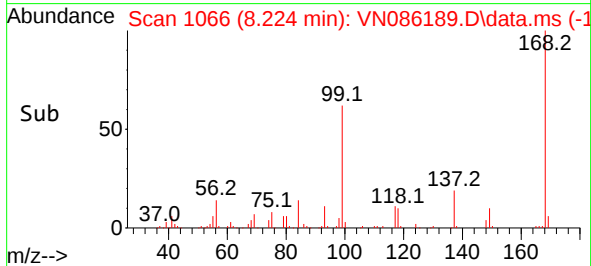
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 16224
Ion Ratio Lower Upper
168 100
99 61.5 49.4 74.2

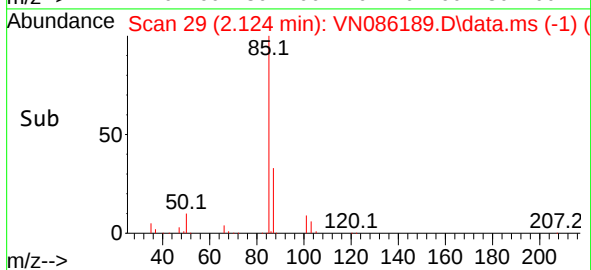
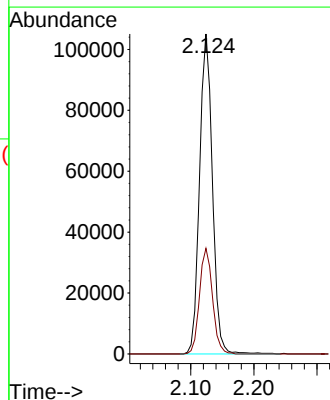
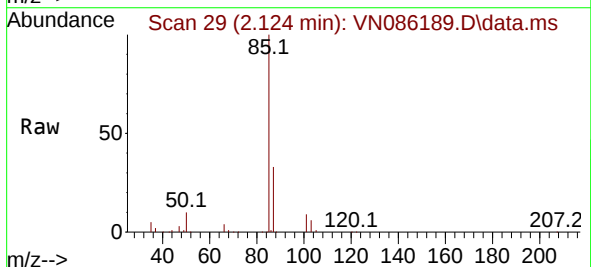
Manual Integrations
APPROVED

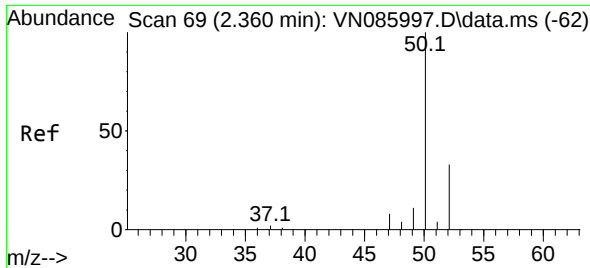
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#2
Dichlorodifluoromethane
Concen: 69.079 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 85 Resp: 148480
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5





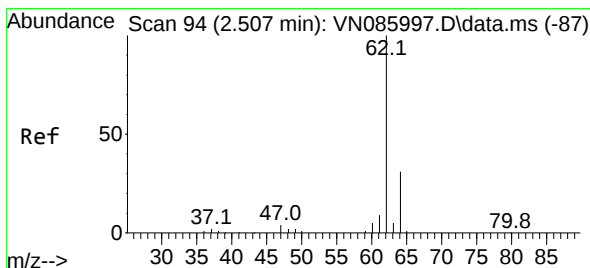
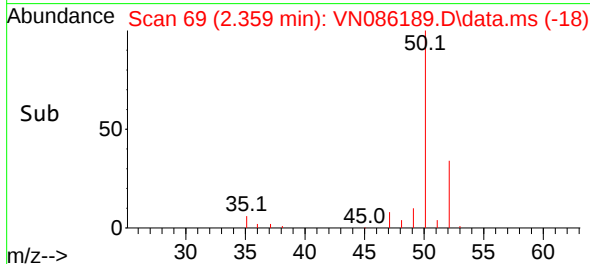
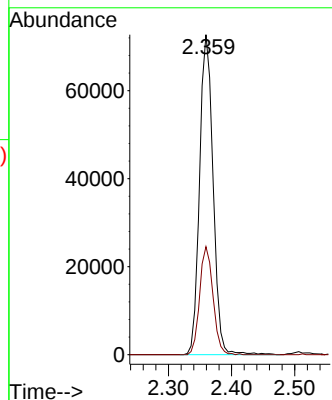
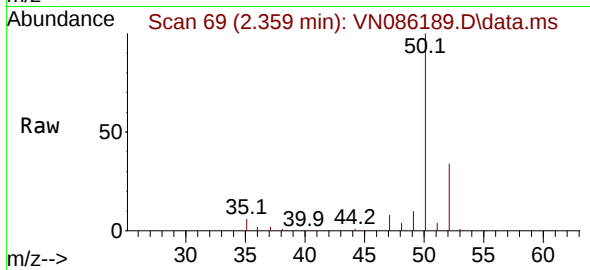
#3
Chloromethane
Concen: 57.261 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 107900
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0

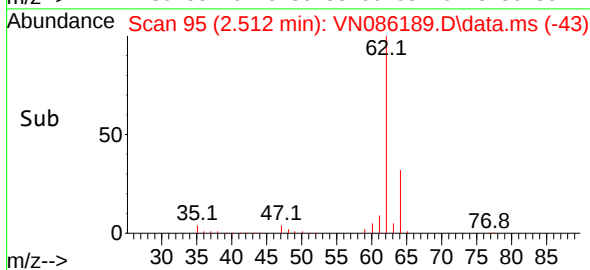
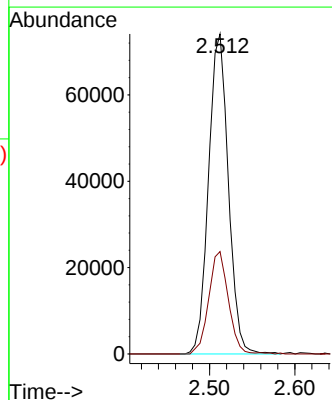
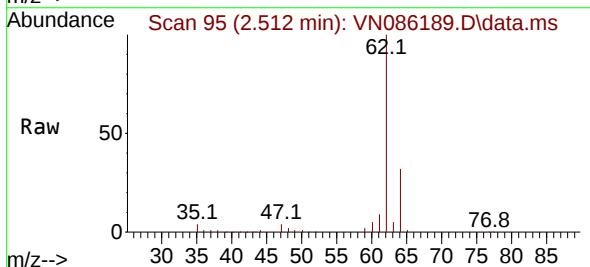
Manual Integrations
APPROVED

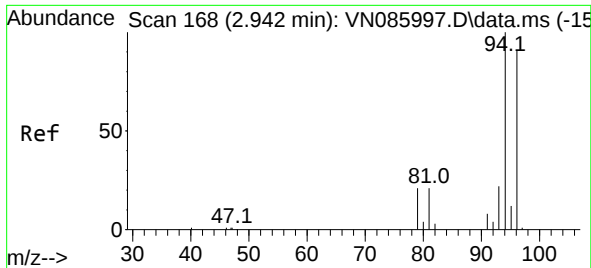
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#4
Vinyl Chloride
Concen: 62.029 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

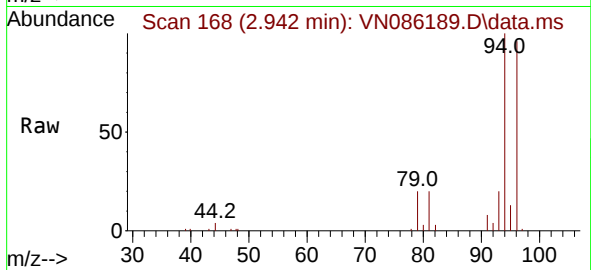
Tgt Ion: 62 Resp: 119511
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 55.526 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

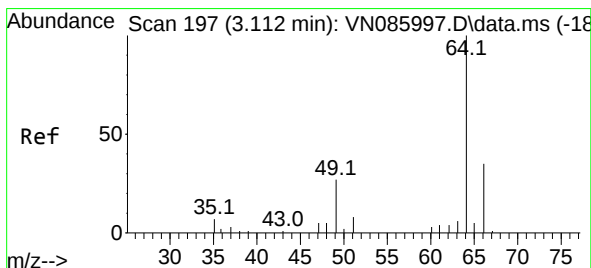
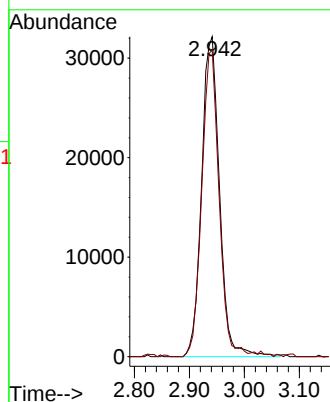
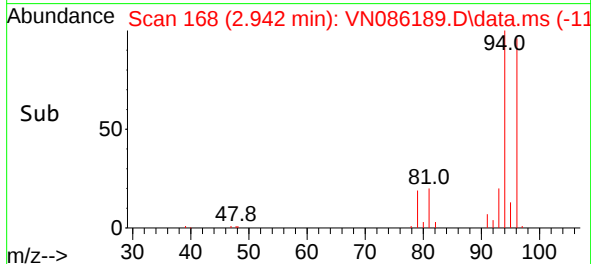
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 72872
Ion Ratio Lower Upper
94 100
96 95.8 72.8 109.2

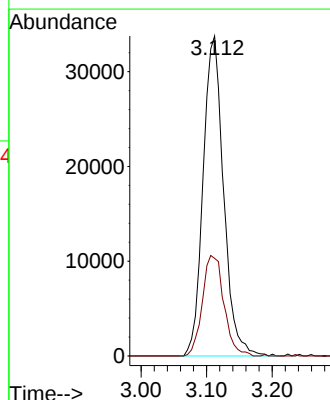
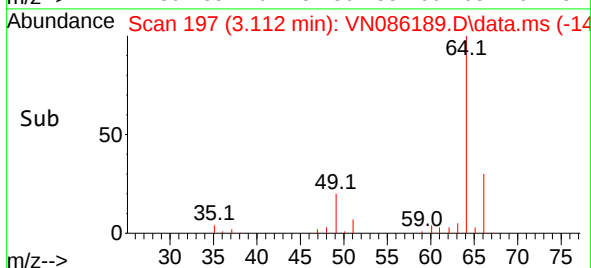
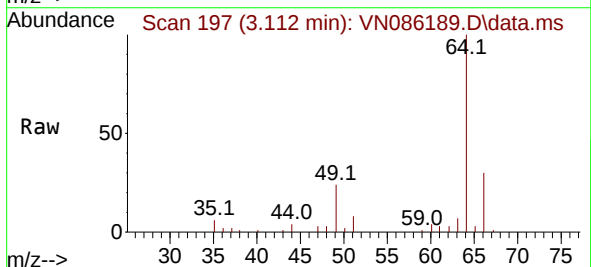
Manual Integrations
APPROVED

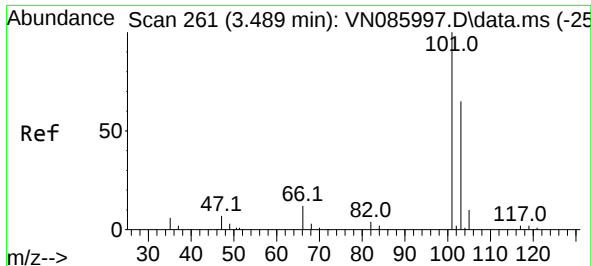
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#6
Chloroethane
Concen: 60.380 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 64 Resp: 73389
Ion Ratio Lower Upper
64 100
66 30.5 28.3 42.5





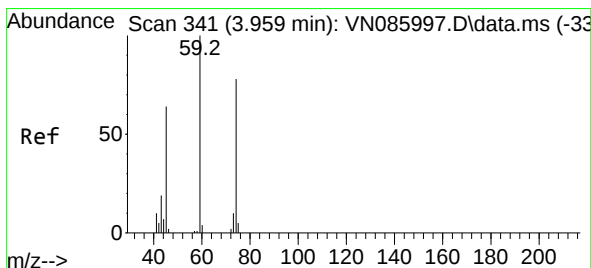
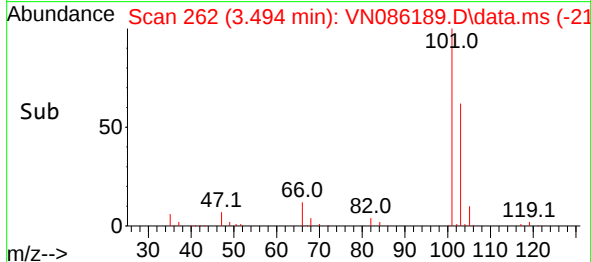
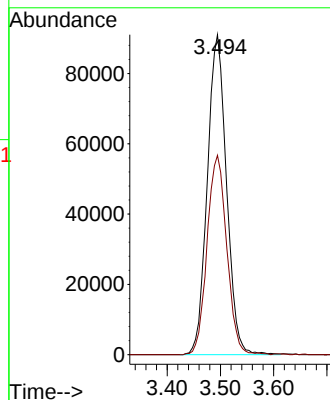
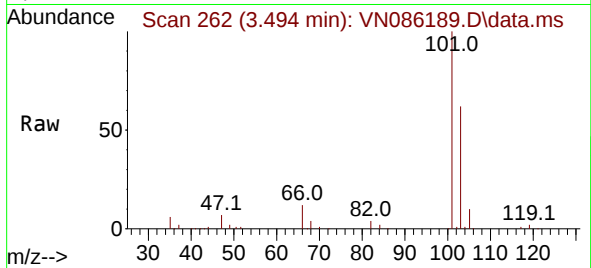
#7
Trichlorofluoromethane
Concen: 65.791 ug/l
RT: 3.494 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 22786
Ion Ratio Lower Upper
101 100
103 62.3 51.7 77.5

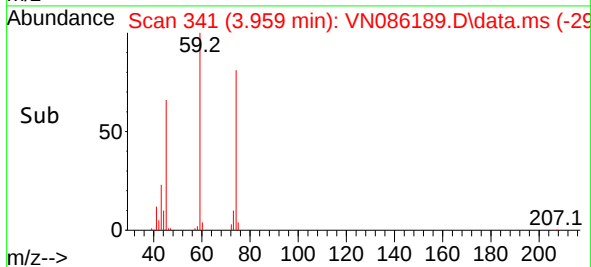
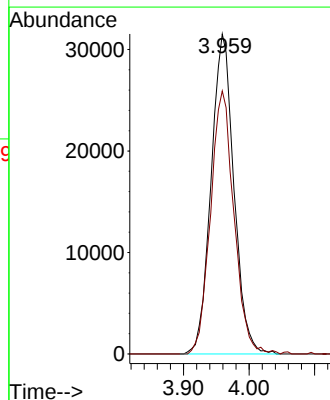
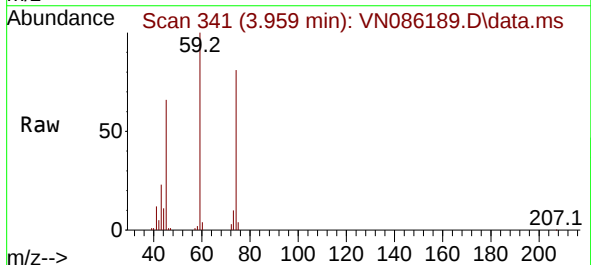
Manual Integrations
APPROVED

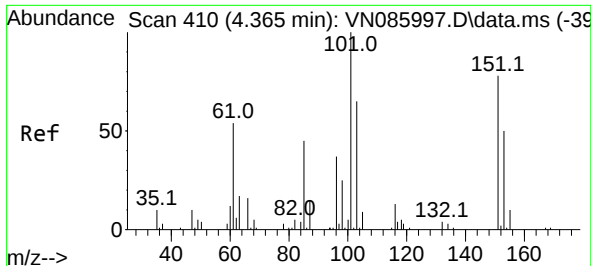
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#8
Diethyl Ether
Concen: 71.724 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 74 Resp: 76048
Ion Ratio Lower Upper
74 100
45 84.4 38.0 113.9





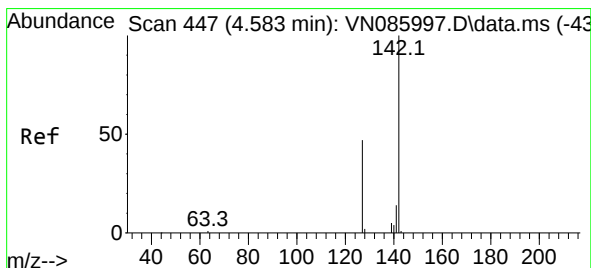
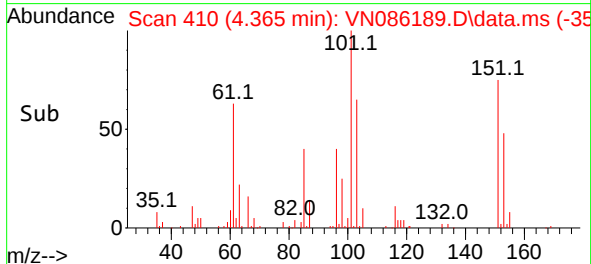
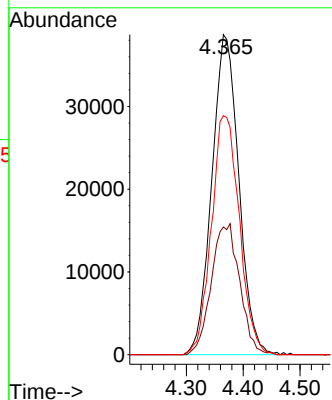
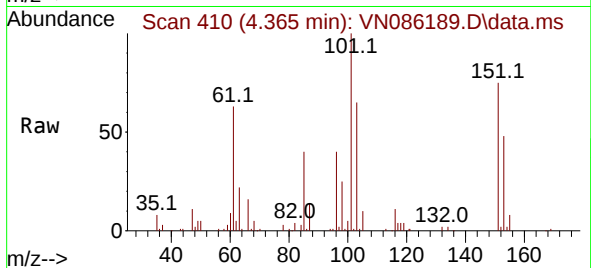
#9
1,1,2-Trichlorotrifluoroethane
Concen: 69.342 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12764
Ion Ratio Lower Upper
101 100
85 43.0 36.5 54.7
151 77.4 63.4 95.0

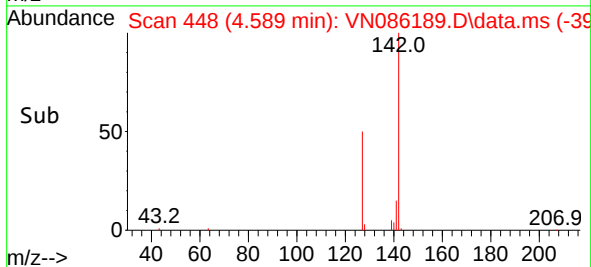
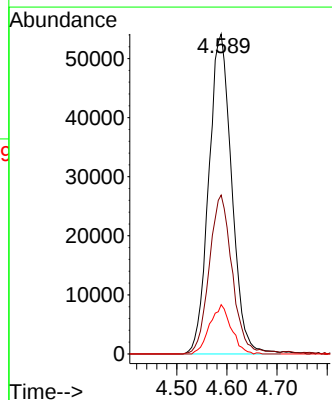
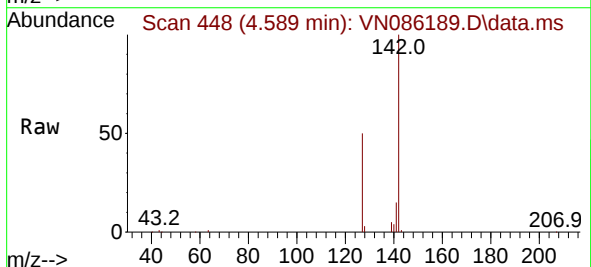
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#10
Methyl Iodide
Concen: 71.627 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

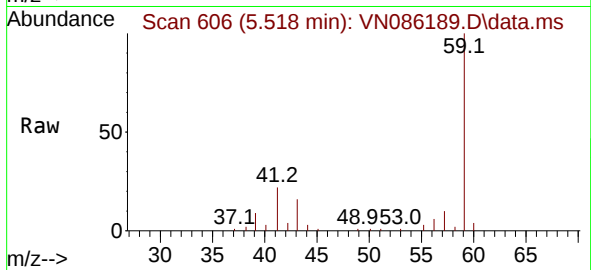
Tgt Ion:142 Resp: 171800
Ion Ratio Lower Upper
142 100
127 49.7 37.5 56.3
141 15.4 11.0 16.6





#11
Tert butyl alcohol
Concen: 281.691 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

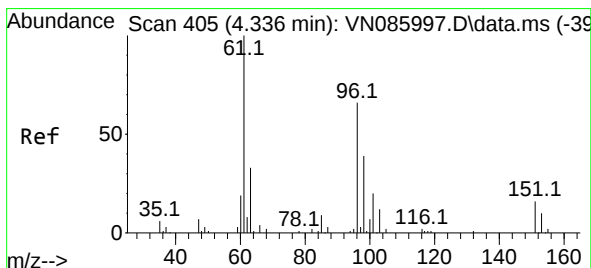
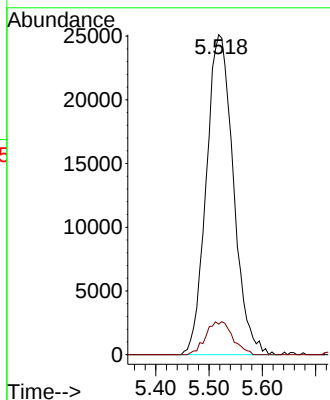
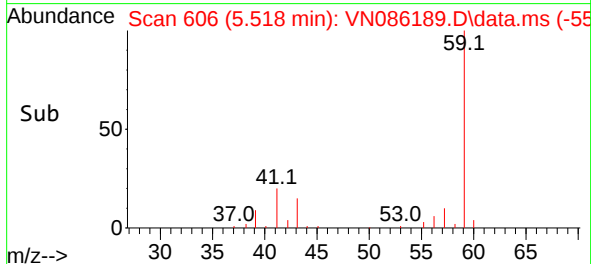
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



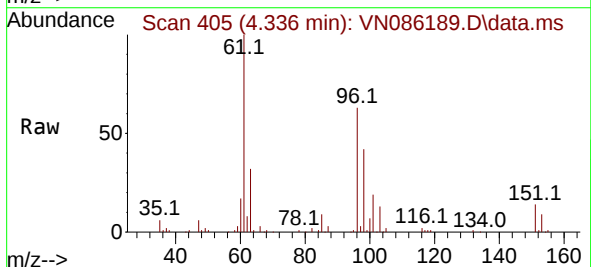
Tgt Ion: 59 Resp: 88604
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

Manual Integrations
APPROVED

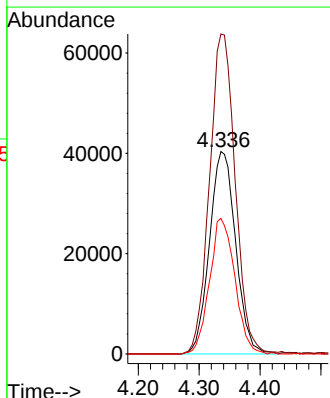
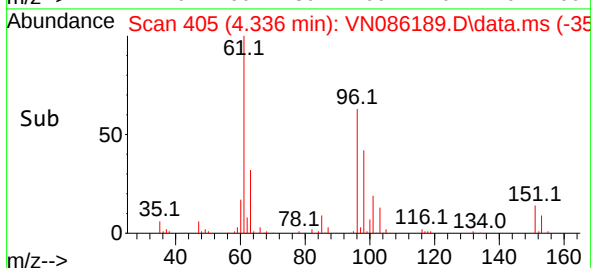
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

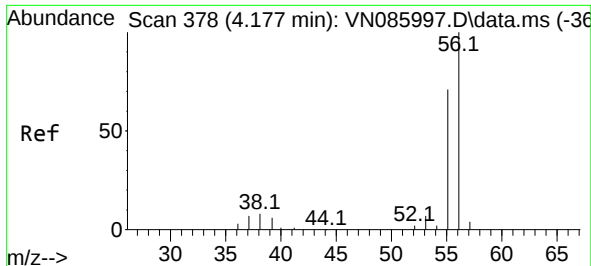


#12
1,1-Dichloroethene
Concen: 72.671 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



Tgt Ion: 96 Resp: 120790
Ion Ratio Lower Upper
96 100
61 158.0 120.5 180.7
98 67.0 47.4 71.0





#13

Acrolein

Concen: 386.216 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 129570

Ion Ratio Lower Upper

56 100

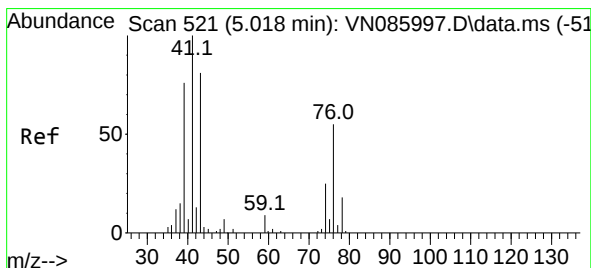
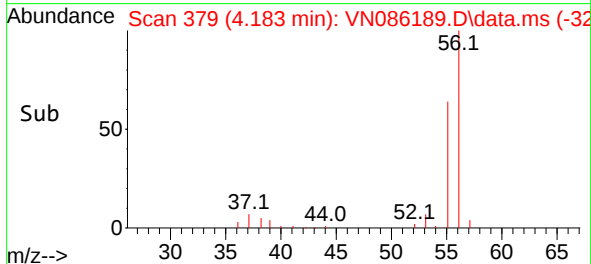
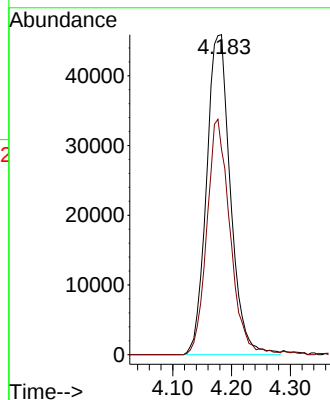
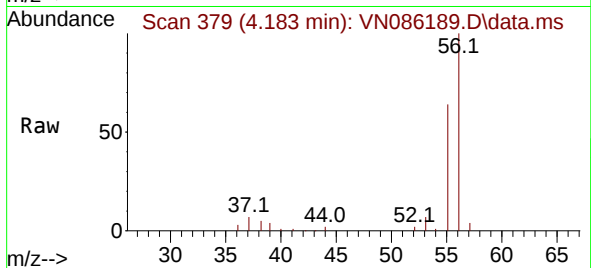
55 71.5 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#14

Allyl chloride

Concen: 71.694 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

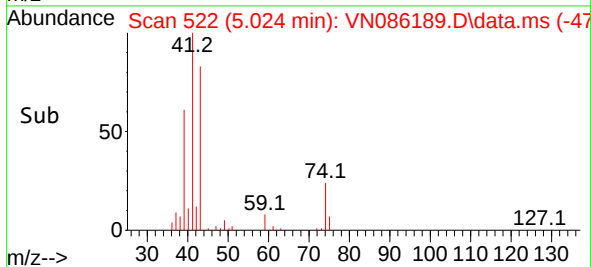
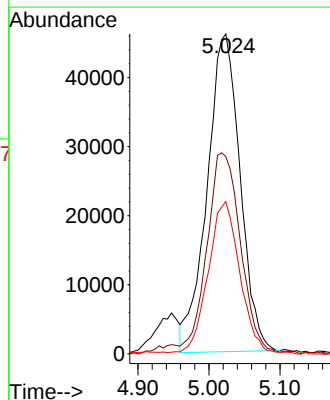
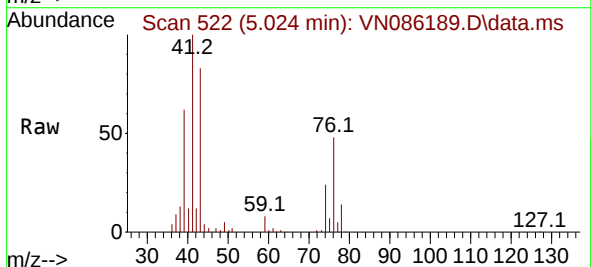
Tgt Ion: 41 Resp: 148666

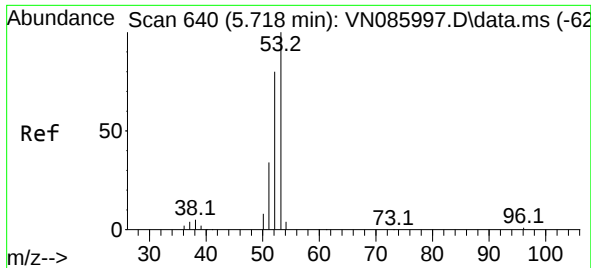
Ion Ratio Lower Upper

41 100

39 66.5 55.5 83.3

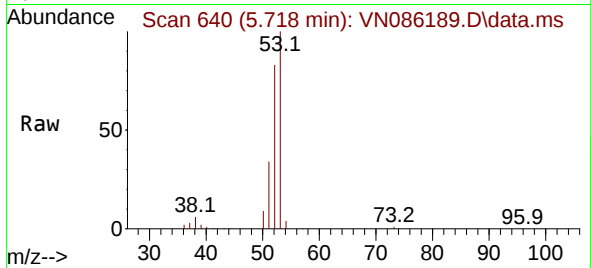
76 46.2 39.1 58.7





#15
Acrylonitrile
Concen: 355.058 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

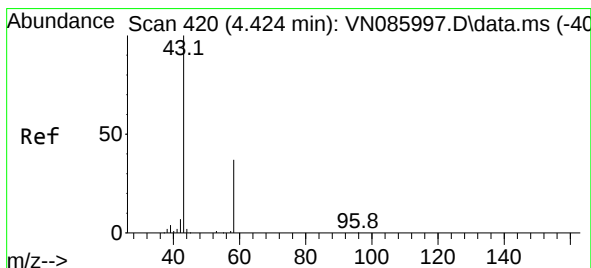
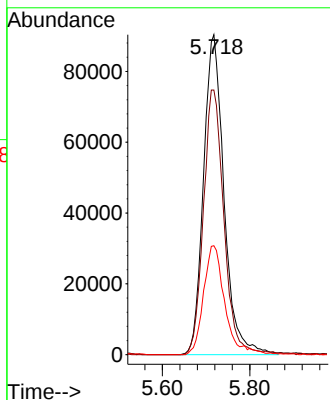
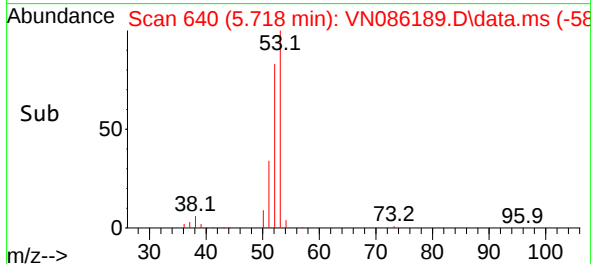
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 294949
Ion Ratio Lower Upper
53 100
52 82.9 63.9 95.9
51 35.5 27.1 40.7

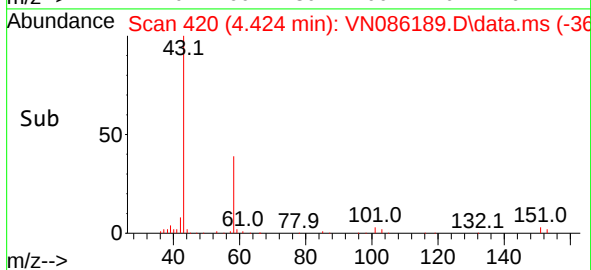
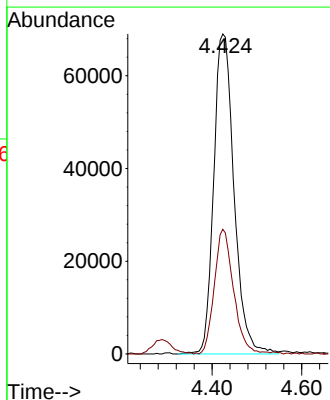
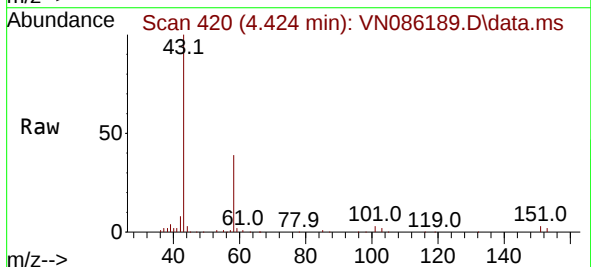
Manual Integrations
APPROVED

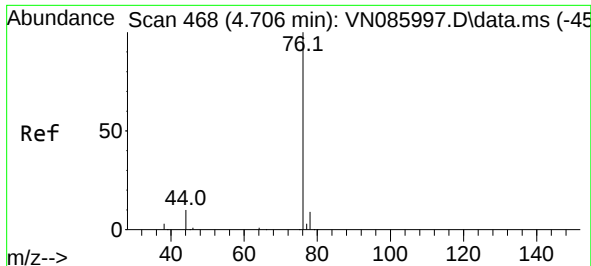
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#16
Acetone
Concen: 320.357 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

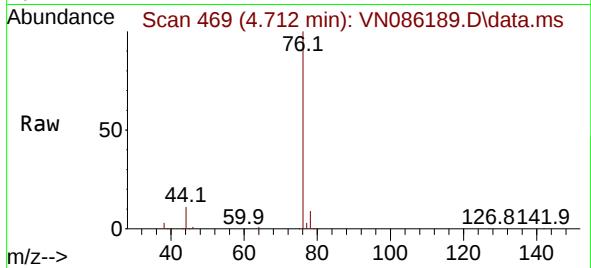
Tgt Ion: 43 Resp: 217436
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.2





#17
Carbon Disulfide
Concen: 66.965 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

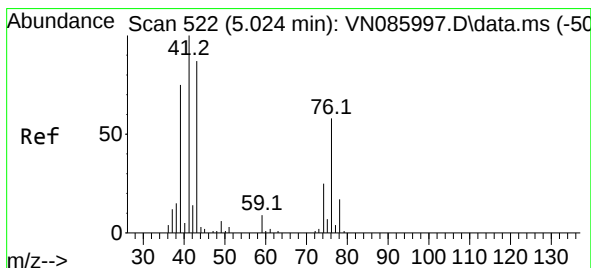
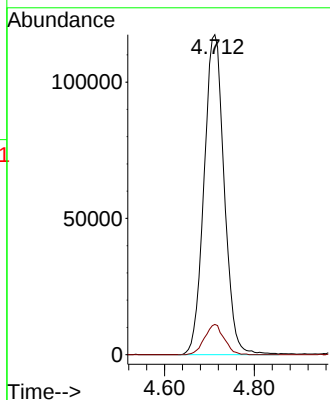
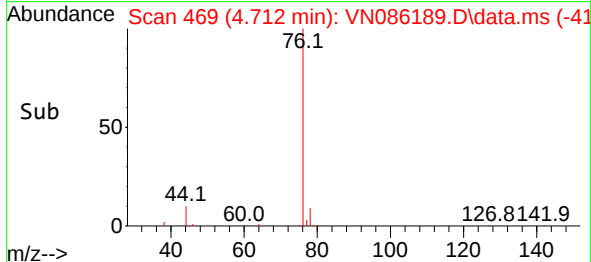
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 36605
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

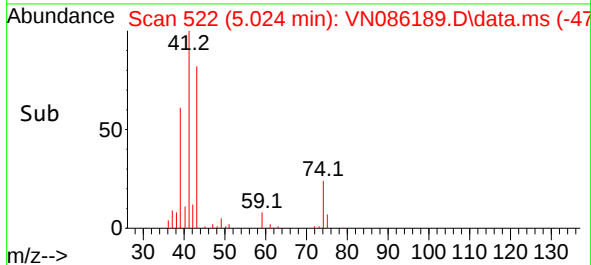
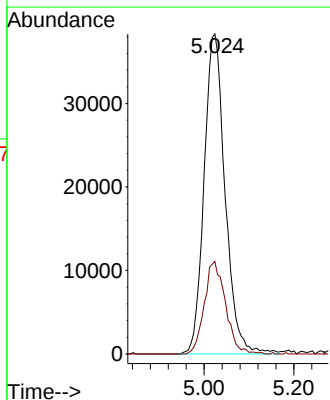
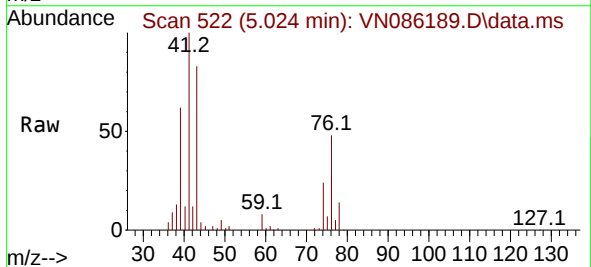
Manual Integrations
APPROVED

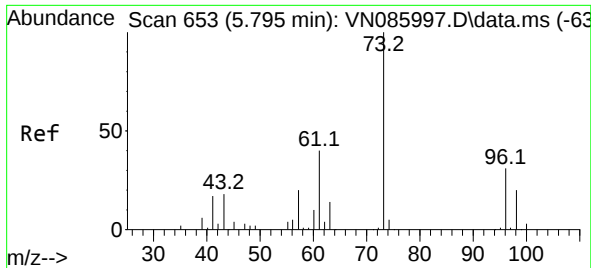
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#18
Methyl Acetate
Concen: 74.246 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 43 Resp: 124681
Ion Ratio Lower Upper
43 100
74 29.2 23.9 35.9





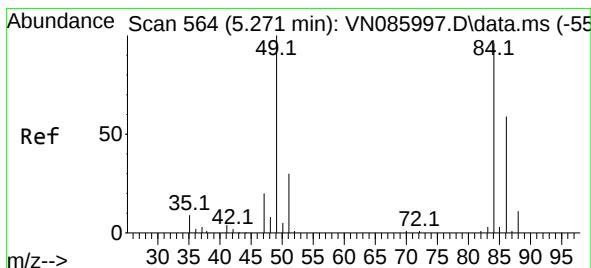
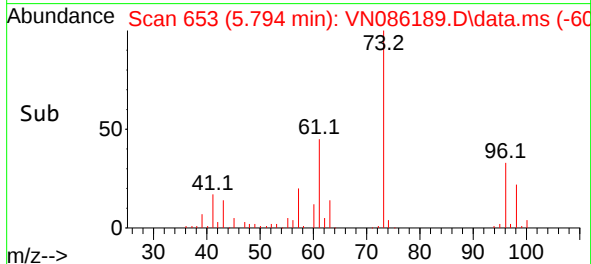
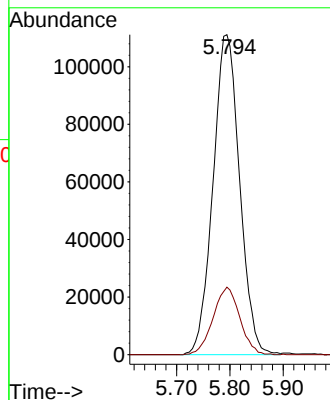
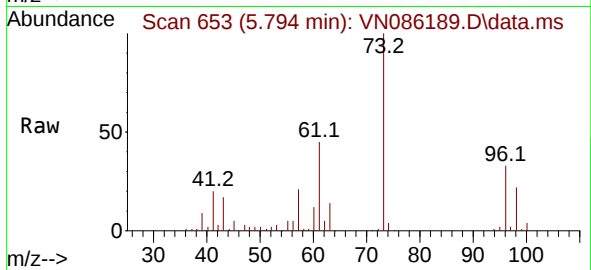
#19
Methyl tert-butyl Ether
Concen: 70.813 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 38569
Ion Ratio Lower Upper
73 100
57 21.1 16.1 24.1

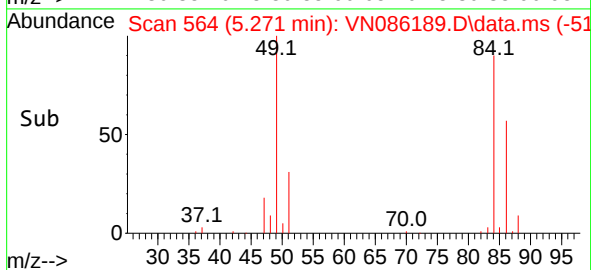
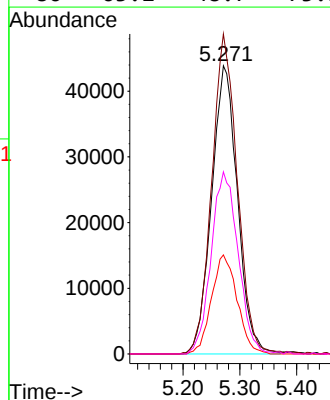
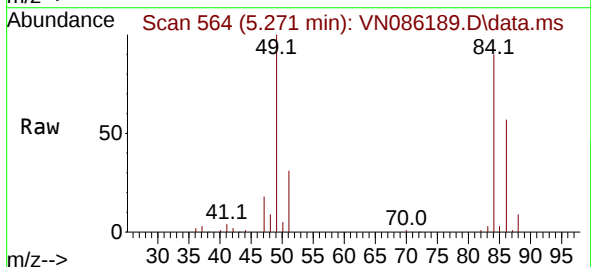
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#20
Methylene Chloride
Concen: 69.891 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

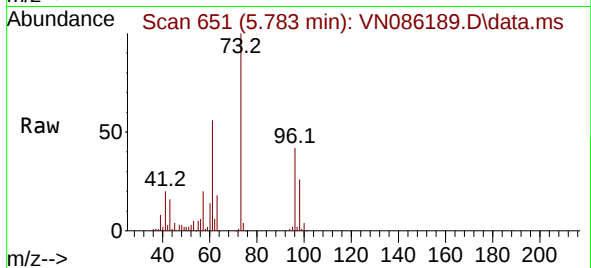
Tgt Ion: 84 Resp: 138774
Ion Ratio Lower Upper
84 100
49 111.0 83.3 124.9
51 34.4 24.8 37.2
86 63.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 71.619 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

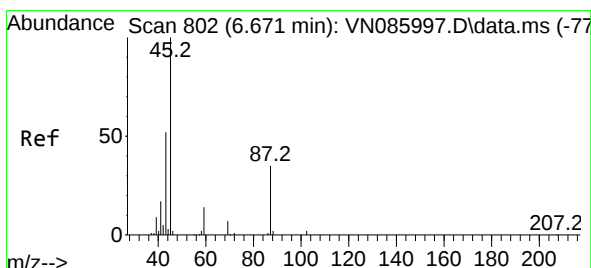
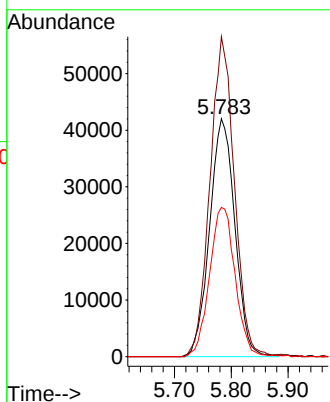
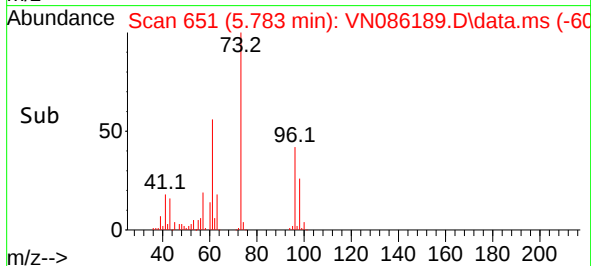
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 130094
Ion Ratio Lower Upper
96 100
61 134.5 106.6 160.0
98 62.7 50.0 75.0

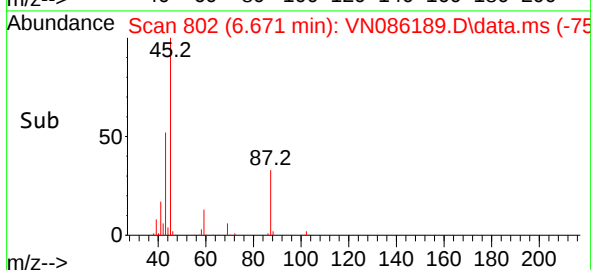
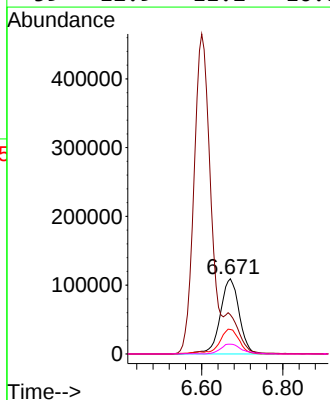
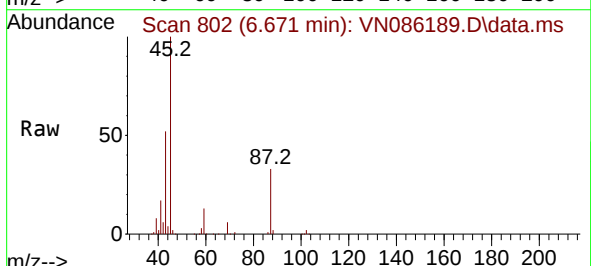
Manual Integrations
APPROVED

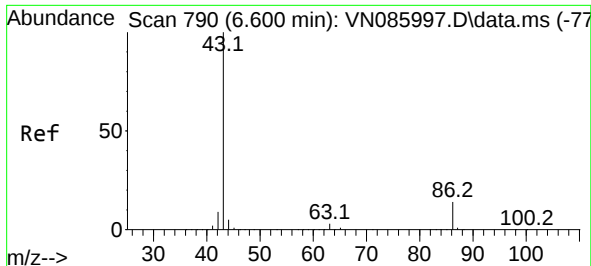
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#22
Diisopropyl ether
Concen: 80.467 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

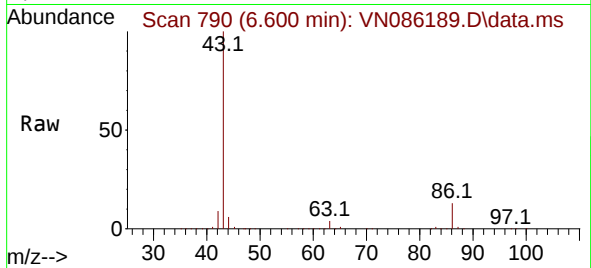
Tgt Ion: 45 Resp: 355574
Ion Ratio Lower Upper
45 100
43 51.0 41.2 61.8
87 32.5 28.5 42.7
59 12.9 11.2 16.8





#23
 Vinyl Acetate
 Concen: 393.525 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086189.D
 Acq: 31 Mar 2025 23:29

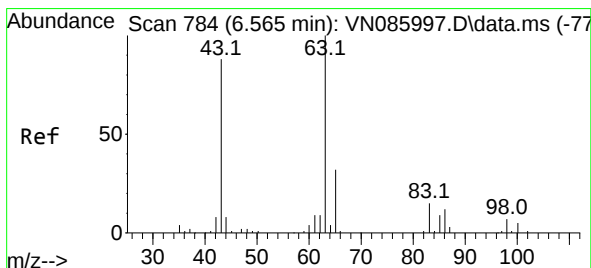
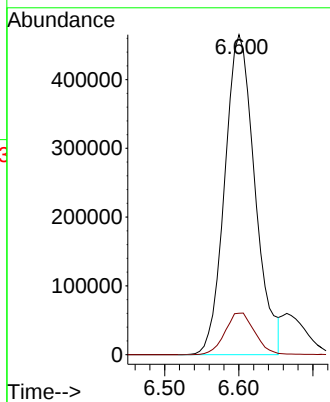
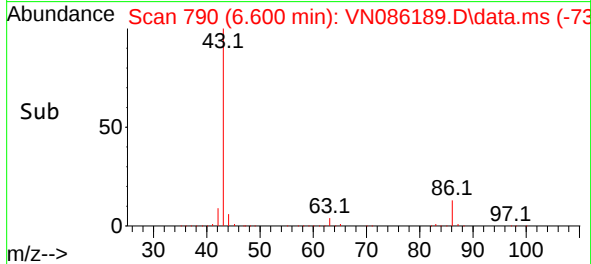
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



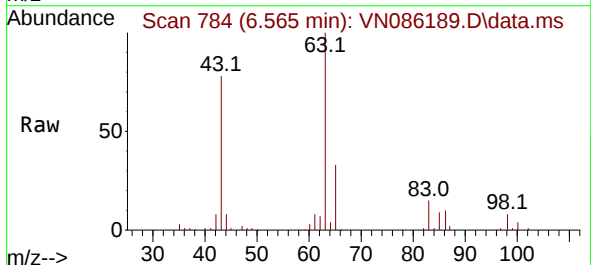
Tgt Ion: 43 Resp: 131822
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.2 16.8

Manual Integrations
 APPROVED

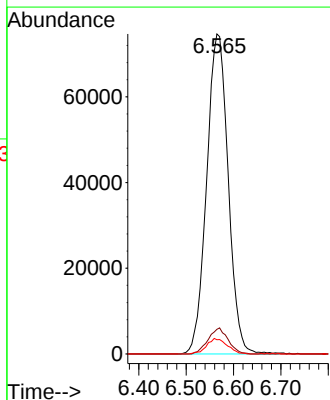
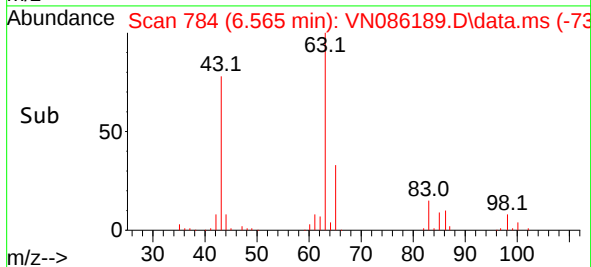
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#24
 1,1-Dichloroethane
 Concen: 72.609 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086189.D
 Acq: 31 Mar 2025 23:29



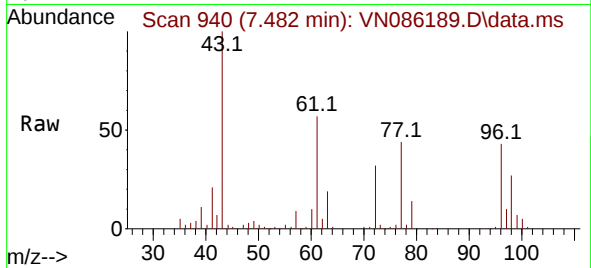
Tgt Ion: 63 Resp: 235937
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.4 2.5 7.5





#25
2-Butanone
Concen: 346.791 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

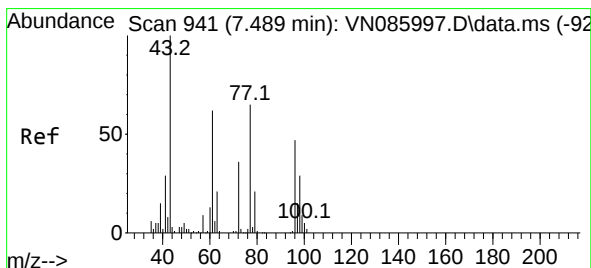
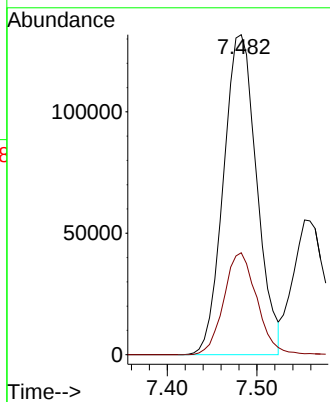
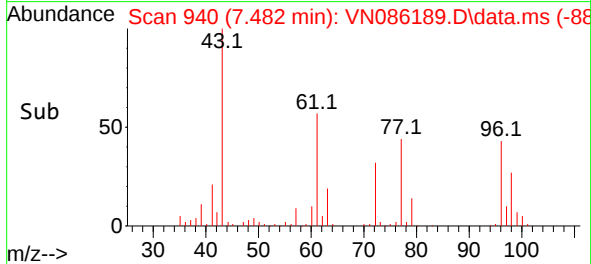
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 339639
Ion Ratio Lower Upper
43 100
72 31.8 27.4 41.0

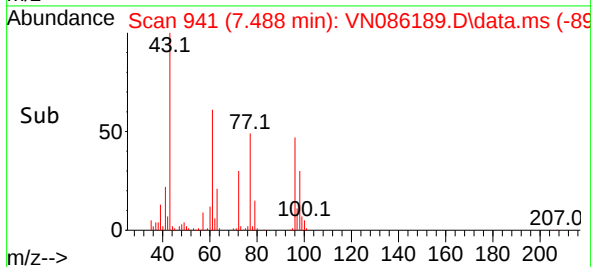
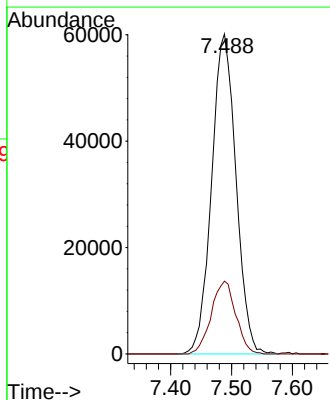
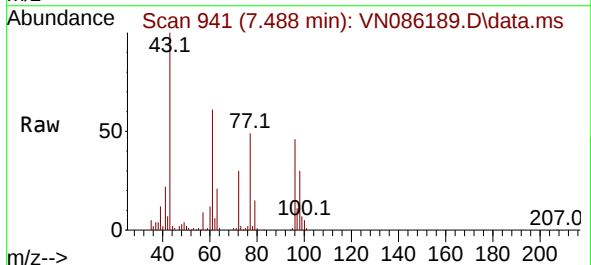
Manual Integrations
APPROVED

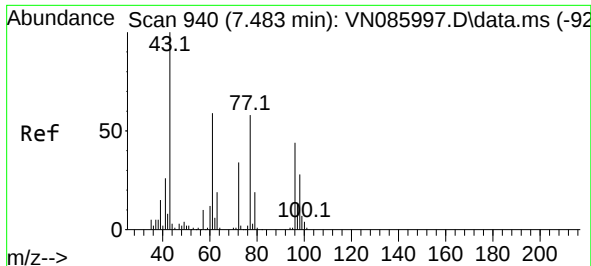
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#26
2,2-Dichloropropane
Concen: 53.468 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

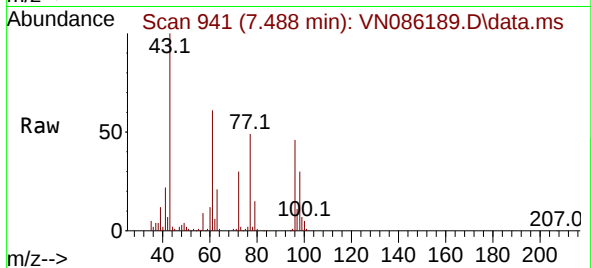
Tgt Ion: 77 Resp: 167269
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 72.659 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

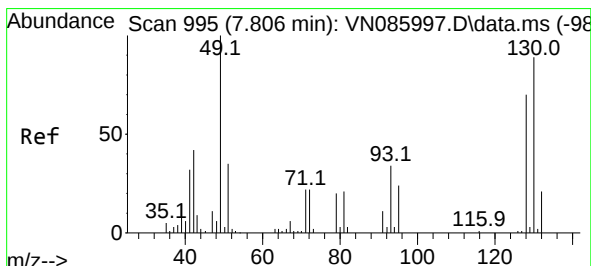
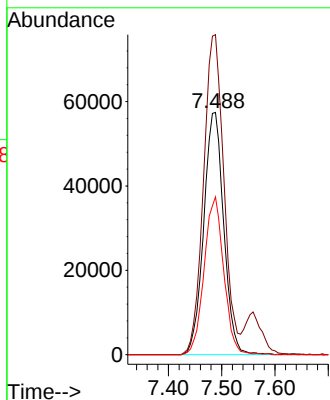
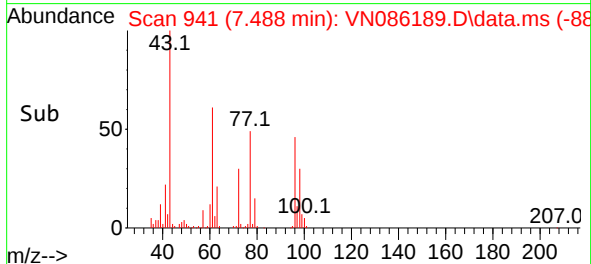
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 14998
Ion Ratio Lower Upper
96 100
61 134.4 0.0 272.8
98 63.7 0.0 124.8

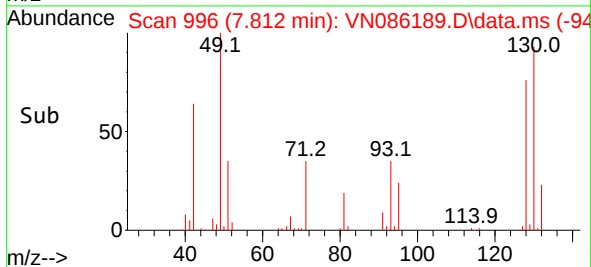
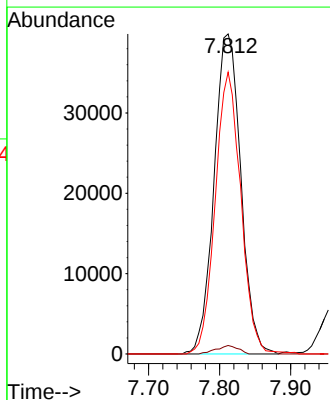
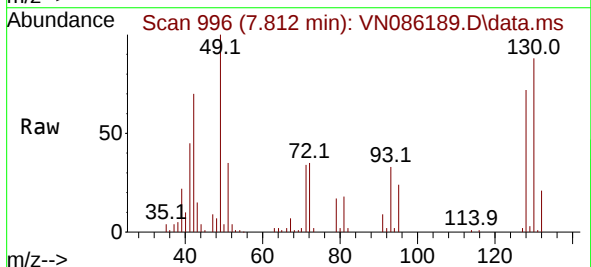
Manual Integrations
APPROVED

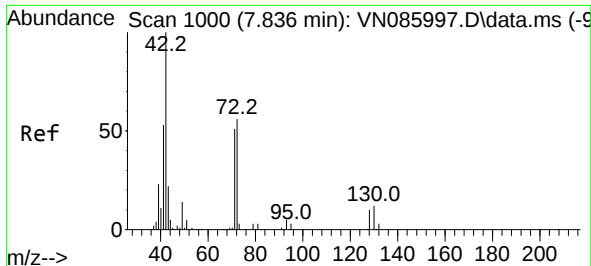
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#28
Bromochloromethane
Concen: 75.582 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

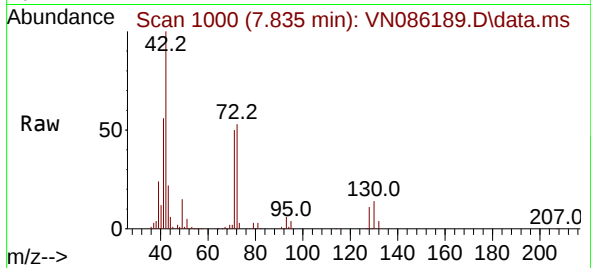
Tgt Ion: 49 Resp: 104054
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 84.3 74.2 111.4





#29
Tetrahydrofuran
Concen: 384.774 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

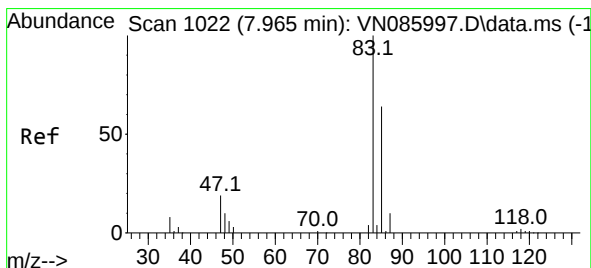
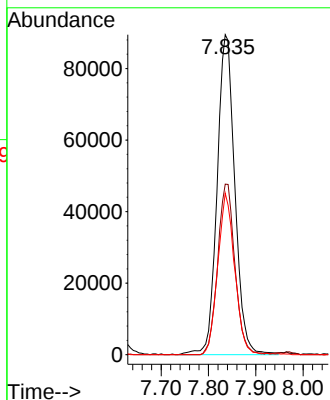
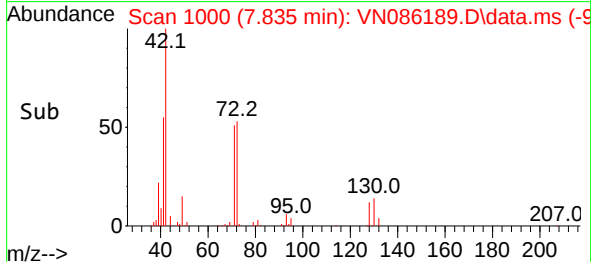
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 232644
Ion Ratio Lower Upper
42 100
72 51.9 45.0 67.4
71 48.1 41.9 62.9

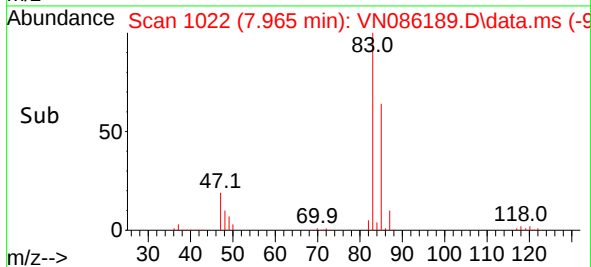
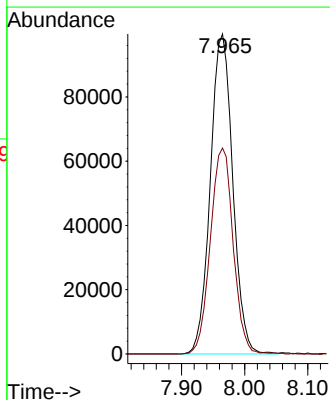
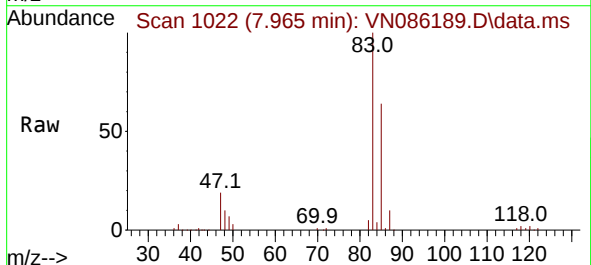
Manual Integrations
APPROVED

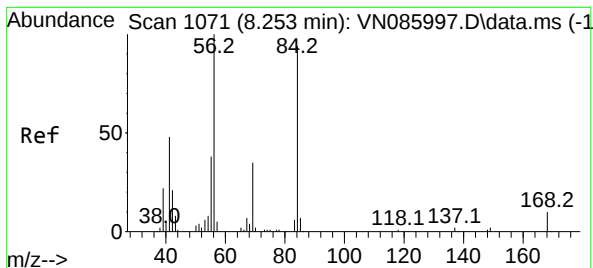
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#30
Chloroform
Concen: 68.340 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 83 Resp: 245456
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 51.815 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 14343

Ion Ratio Lower Upper

56 100

69 33.1 28.0 42.0

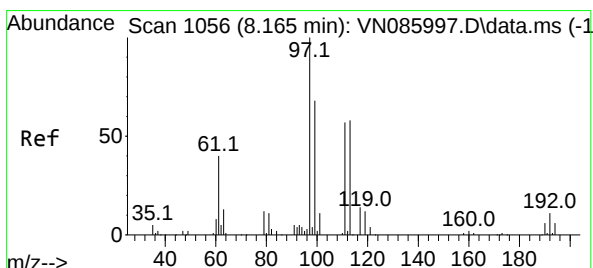
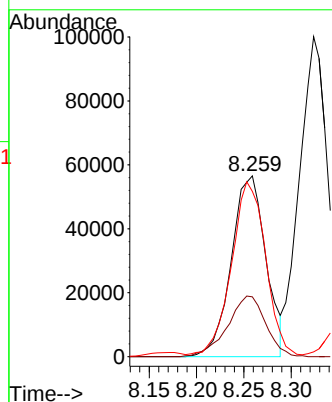
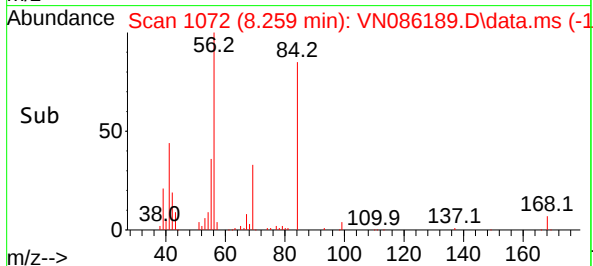
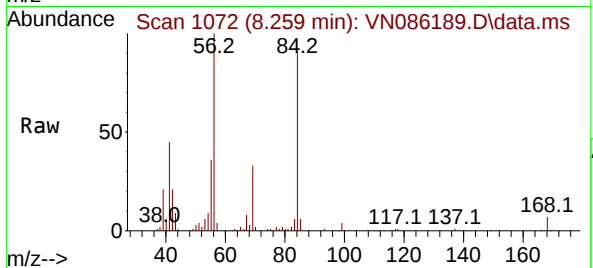
84 89.6 75.0 112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#32

1,1,1-Trichloroethane

Concen: 65.336 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

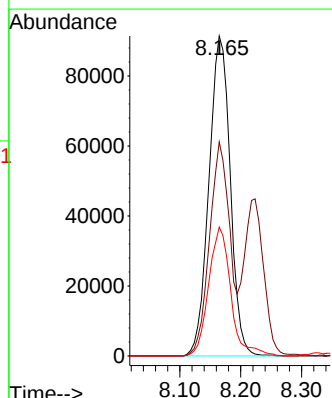
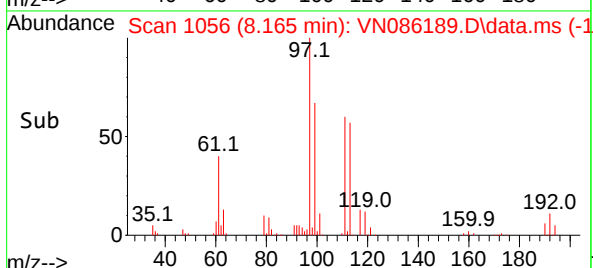
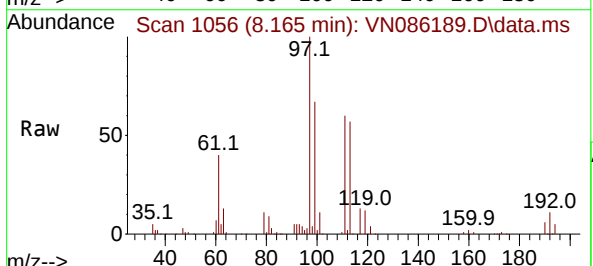
Tgt Ion: 97 Resp: 222134

Ion Ratio Lower Upper

97 100

99 64.1 52.8 79.2

61 41.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 64.667 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 14366

Ion Ratio Lower Upper

65 100

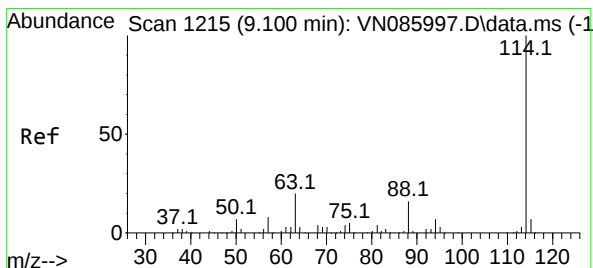
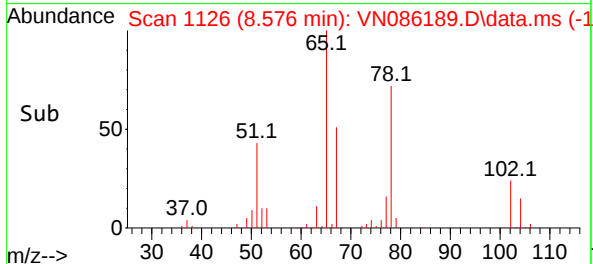
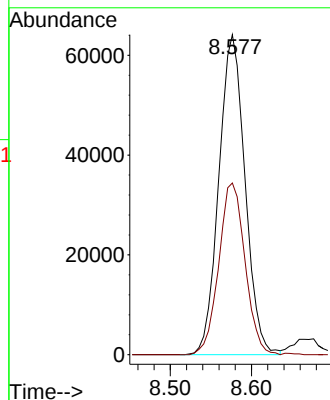
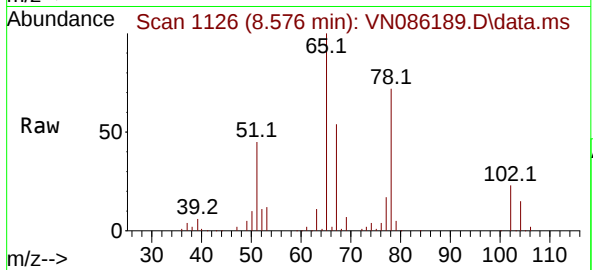
67 53.8 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

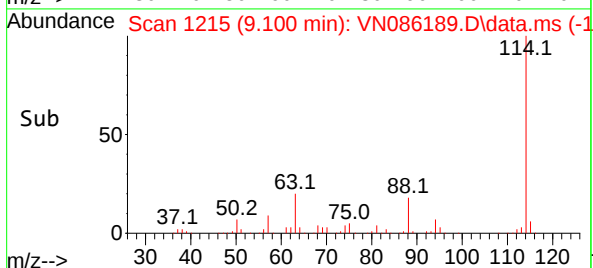
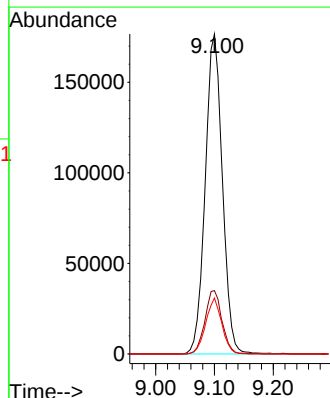
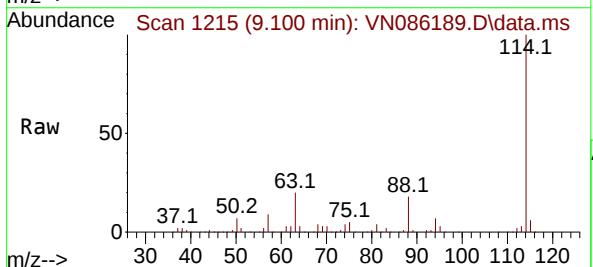
Tgt Ion:114 Resp: 358803

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

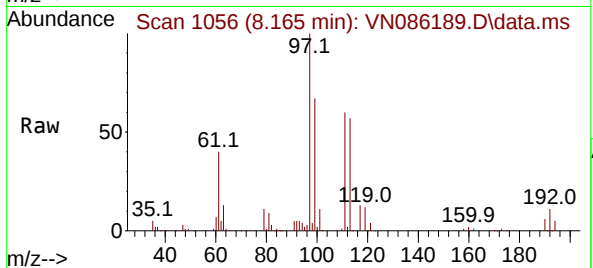
88 17.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.416 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

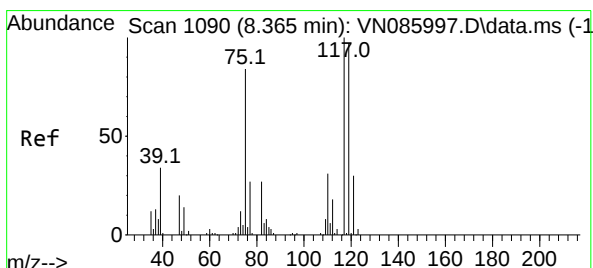
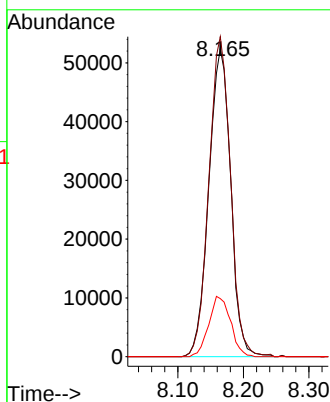
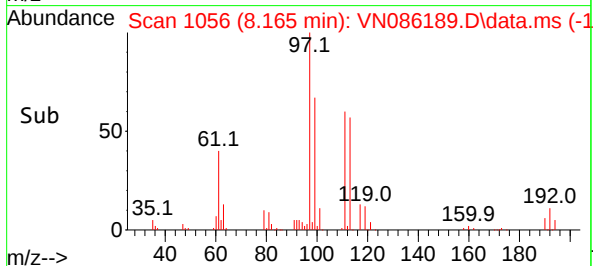
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 121254
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.5 15.9 23.9

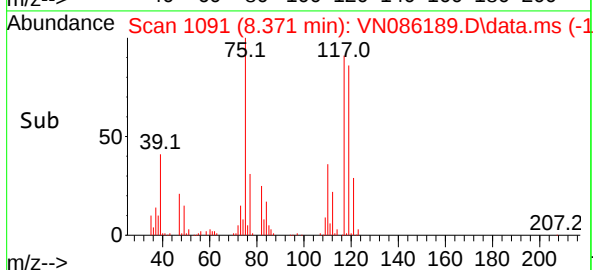
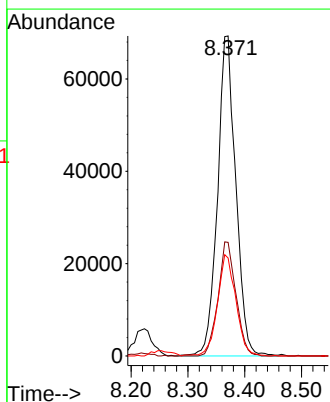
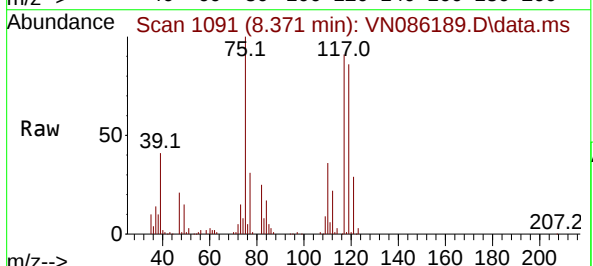
Manual Integrations
APPROVED

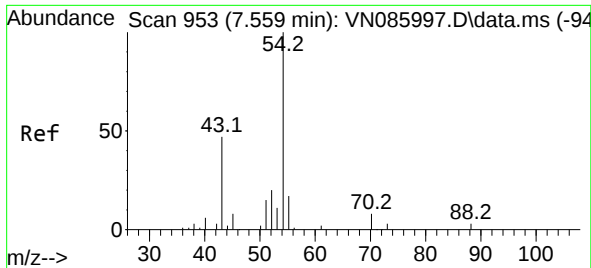
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#36
1,1-Dichloropropene
Concen: 47.016 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

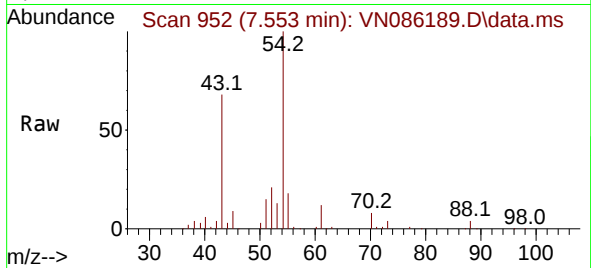
Tgt Ion: 75 Resp: 155042
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 32.0 25.0 37.4





#37
Ethyl Acetate
Concen: 51.363 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

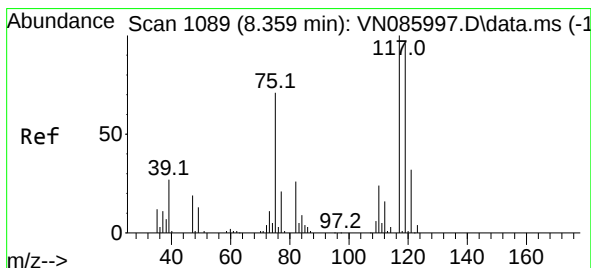
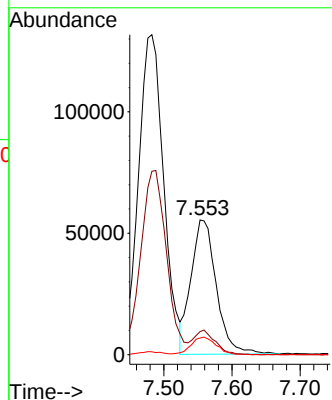
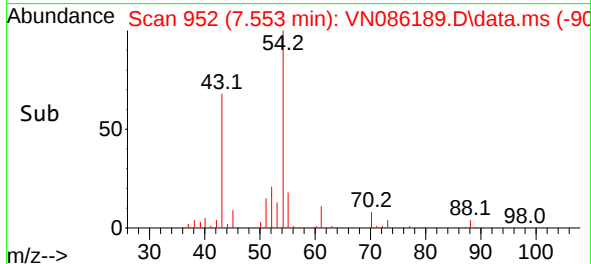
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 142890
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 13.0 11.0 16.6

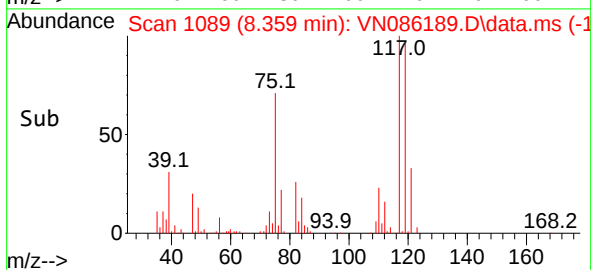
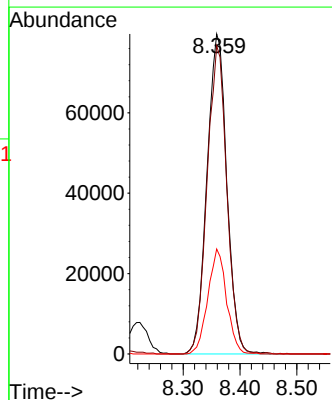
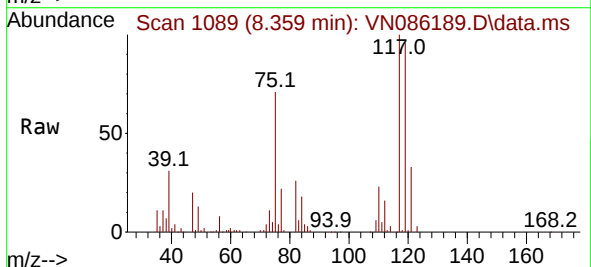
Manual Integrations
APPROVED

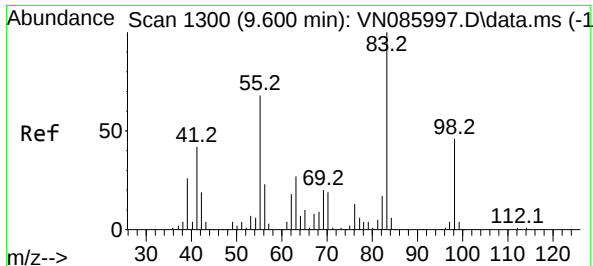
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#38
Carbon Tetrachloride
Concen: 44.486 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion:117 Resp: 192887
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4
121 32.8 25.6 38.4





#39

Methylcyclohexane

Concen: 52.553 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

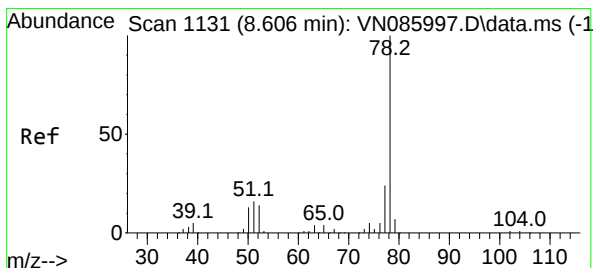
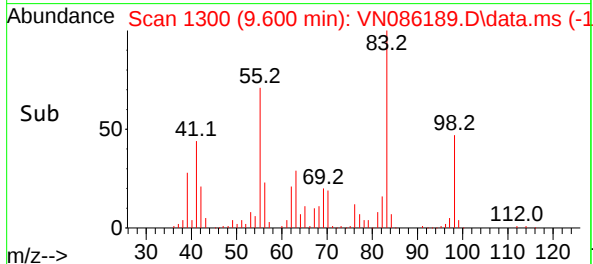
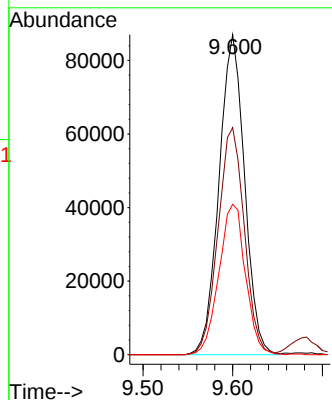
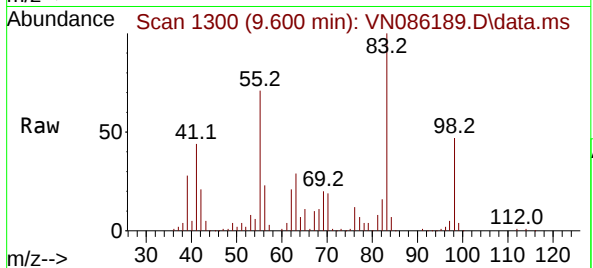
Tgt Ion: 83	Resp: 17194
Ion Ratio	Lower Upper
83	100
55	70.9 54.2 81.2
98	47.0 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#40

Benzene

Concen: 53.140 ug/l

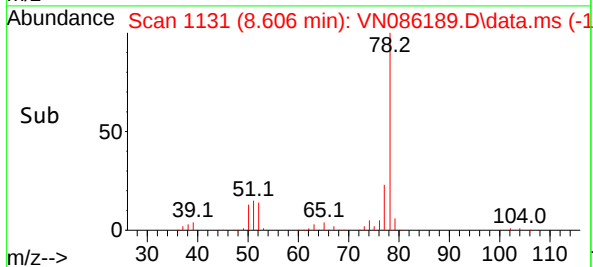
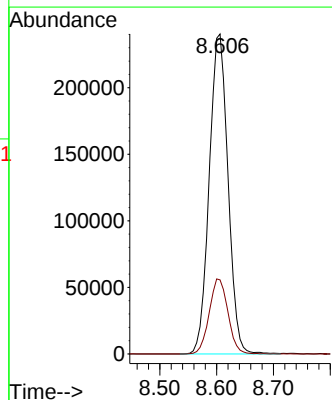
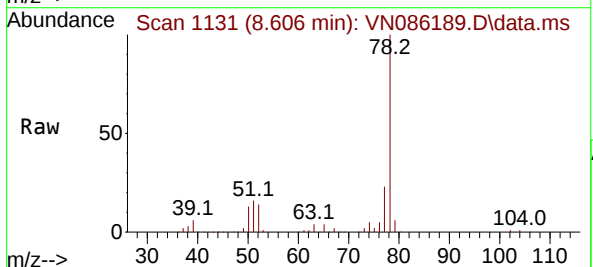
RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

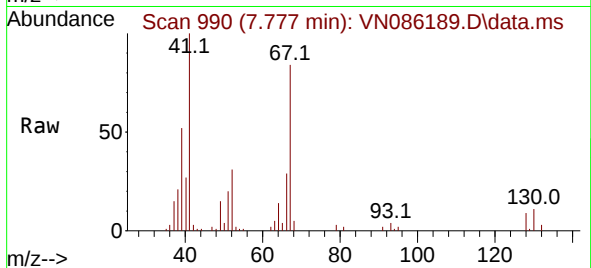
Tgt Ion: 78	Resp: 550112
Ion Ratio	Lower Upper
78	100
77	23.2 18.9 28.3





#41
Methacrylonitrile
Concen: 55.636 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

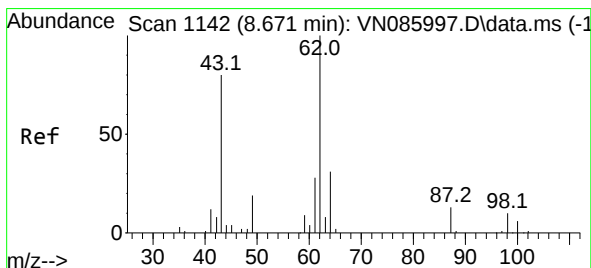
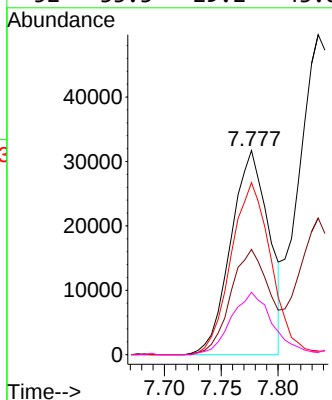
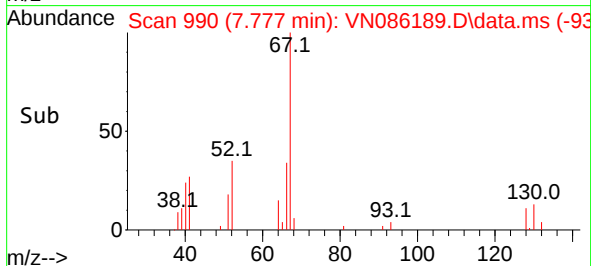
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



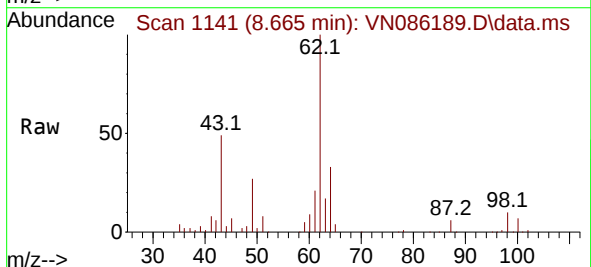
Tgt Ion: 41 Resp: 73909
Ion Ratio Lower Upper
41 100
39 52.0 46.2 69.2
67 89.9 75.9 113.9
52 33.3 29.2 43.8

Manual Integrations
APPROVED

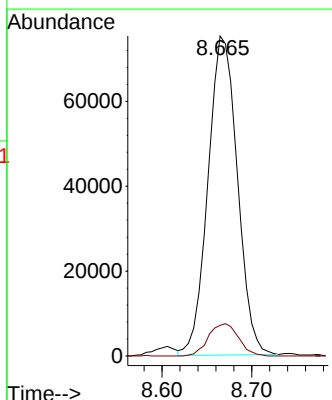
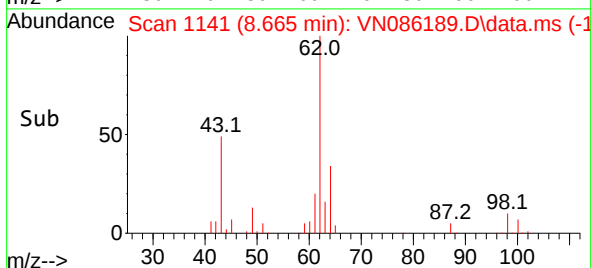
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#42
1,2-Dichloroethane
Concen: 47.438 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



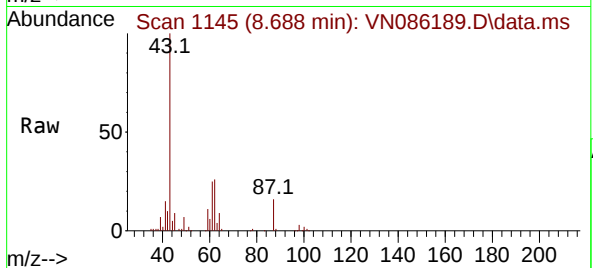
Tgt Ion: 62 Resp: 171115
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.6





#43
Isopropyl Acetate
Concen: 45.829 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

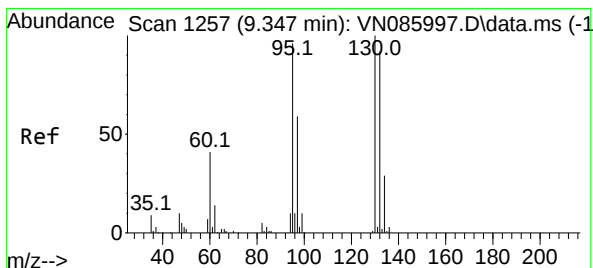
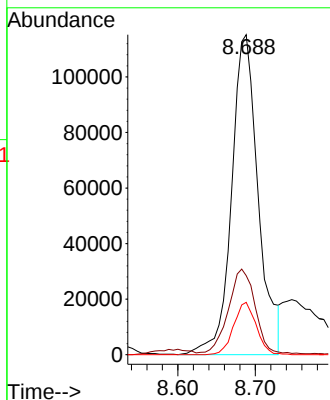
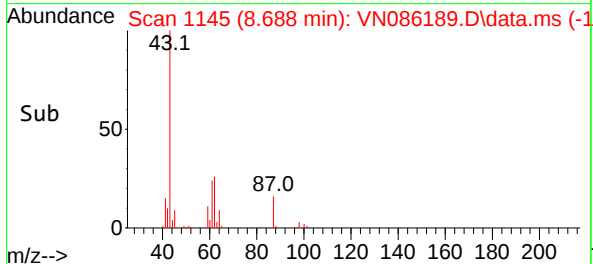
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 276280
Ion Ratio Lower Upper
43 100
61 26.8 25.0 37.6
87 13.8 13.0 19.4

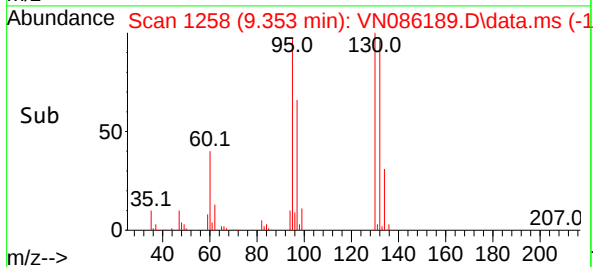
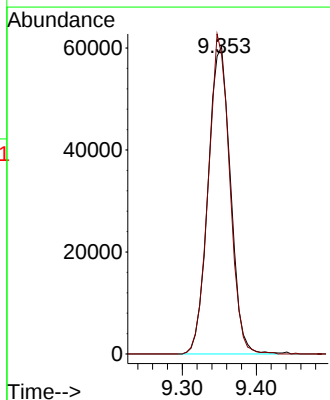
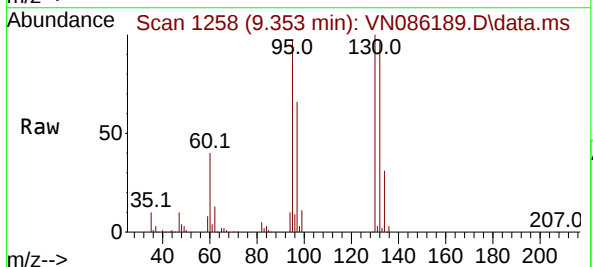
Manual Integrations
APPROVED

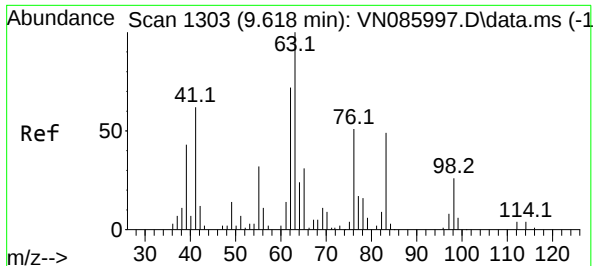
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#44
Trichloroethene
Concen: 47.224 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion:130 Resp: 126703
Ion Ratio Lower Upper
130 100
95 97.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 55.888 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 131592

Ion Ratio Lower Upper

63 100

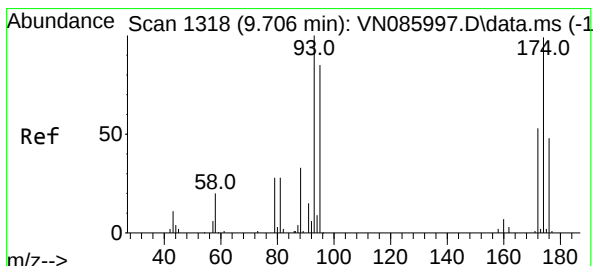
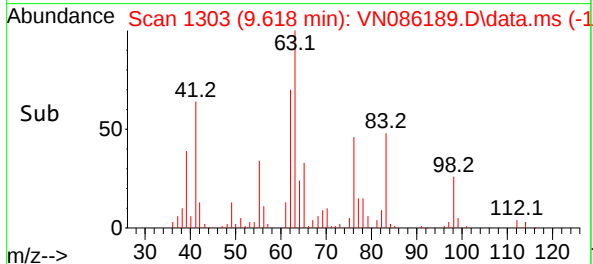
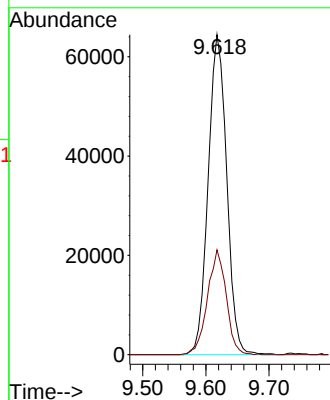
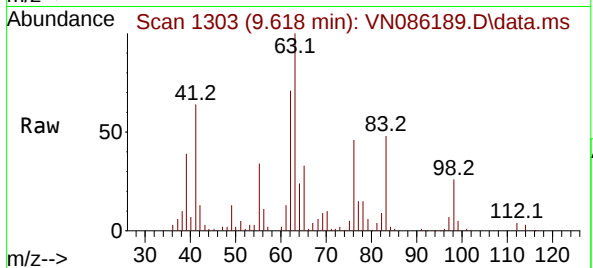
65 32.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#46

Dibromomethane

Concen: 51.028 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

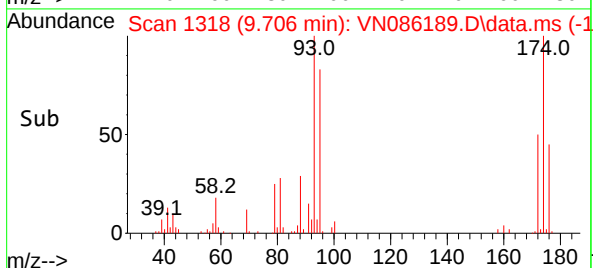
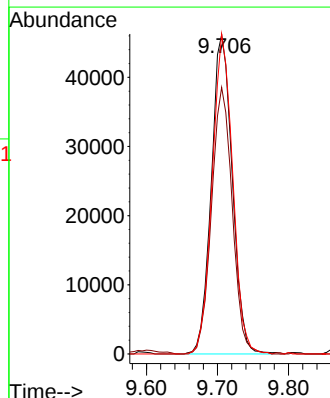
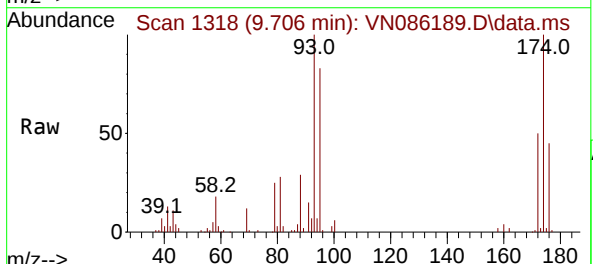
Tgt Ion: 93 Resp: 94488

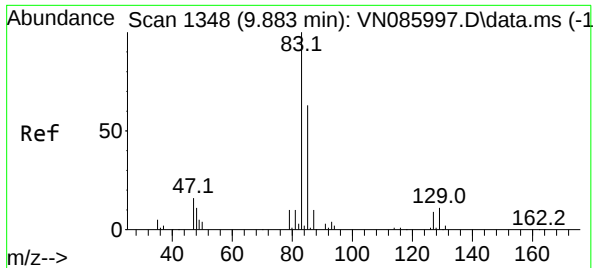
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

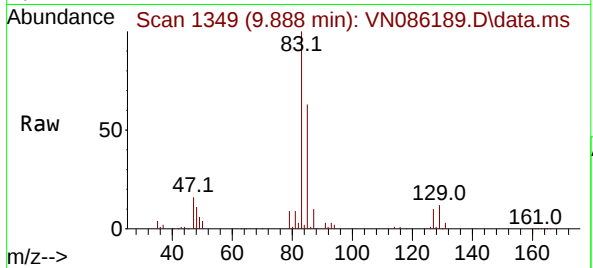
174 98.0 80.1 120.1





#47
Bromodichloromethane
Concen: 49.805 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

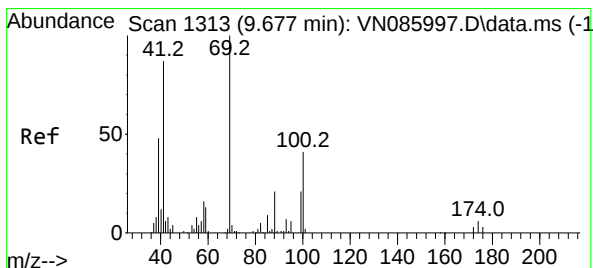
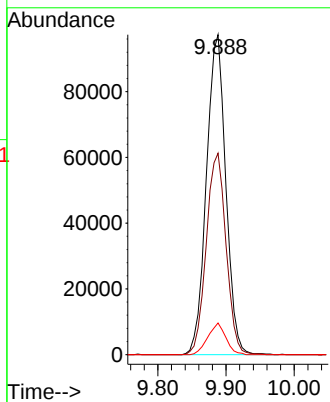
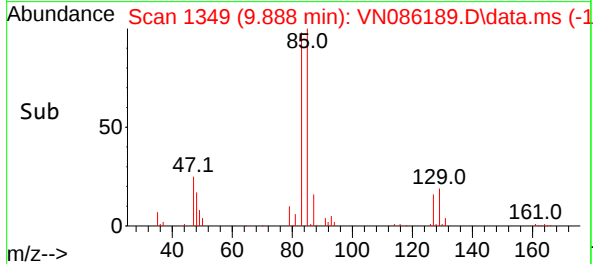
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



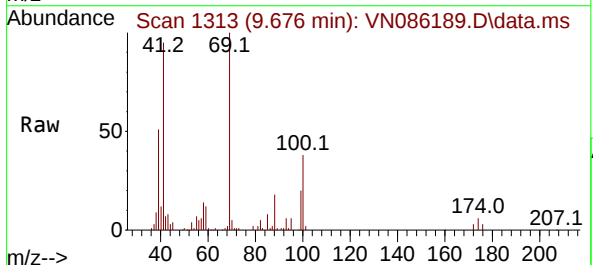
Tgt Ion: 83 Resp: 19274
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.2
127 9.9 7.1 10.7

Manual Integrations
APPROVED

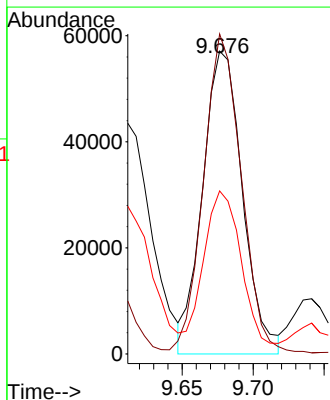
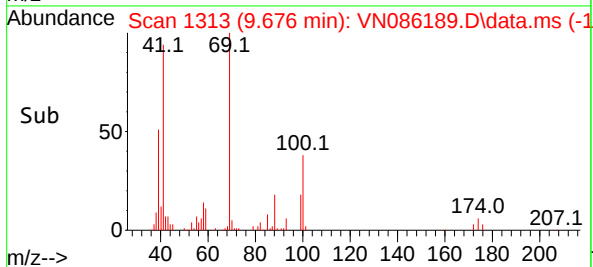
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

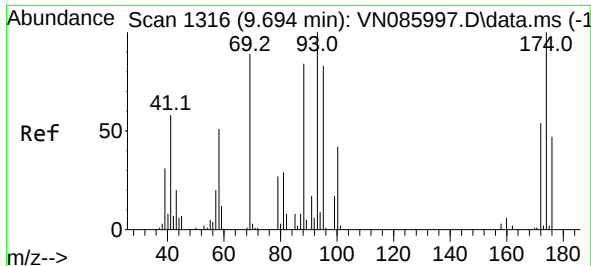


#48
Methyl methacrylate
Concen: 56.004 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



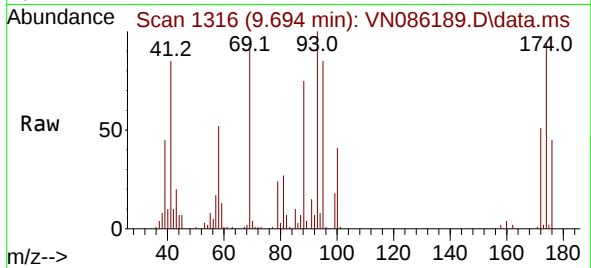
Tgt Ion: 41 Resp: 111413
Ion Ratio Lower Upper
41 100
69 99.5 83.1 124.7
39 52.7 45.6 68.4





#49
1,4-Dioxane
Concen: 982.357 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

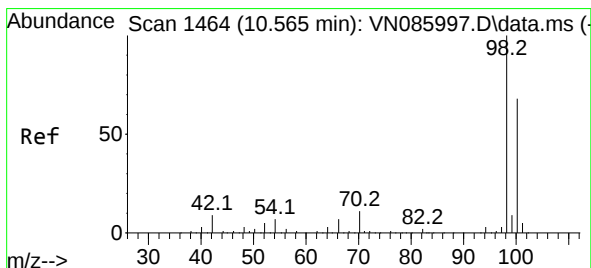
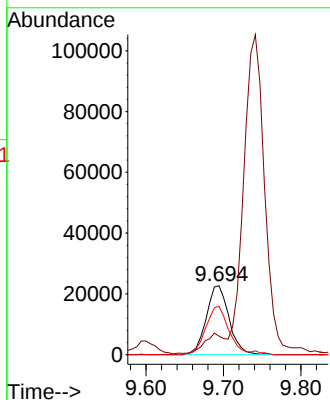
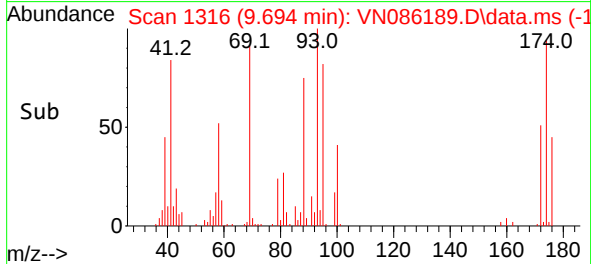
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



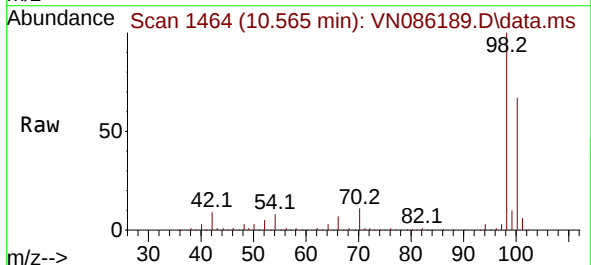
Tgt Ion: 88 Resp: 46198
Ion Ratio Lower Upper
88 100
43 26.6 21.7 32.5
58 73.2 50.4 75.6

Manual Integrations
APPROVED

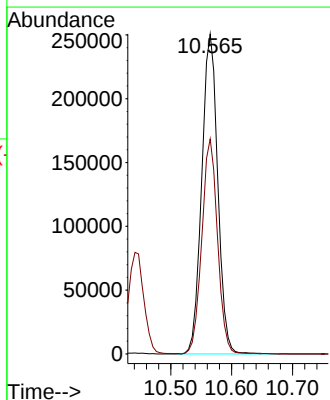
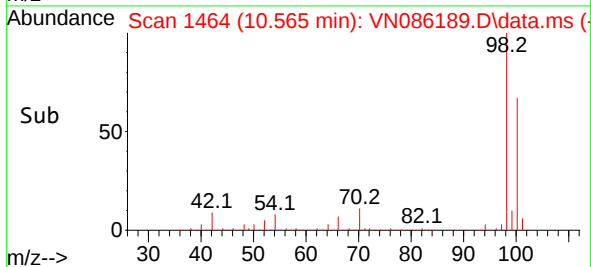
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

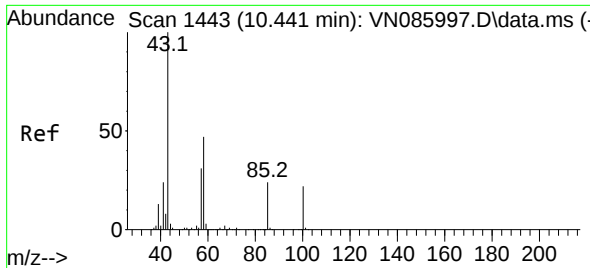


#50
Toluene-d8
Concen: 50.338 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



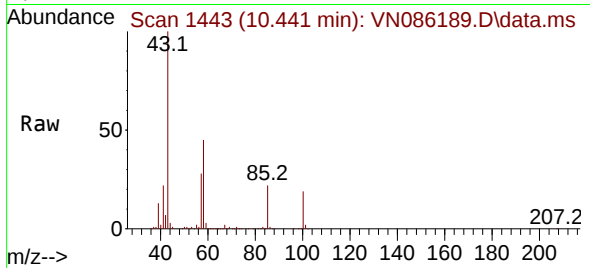
Tgt Ion: 98 Resp: 457535
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 280.018 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

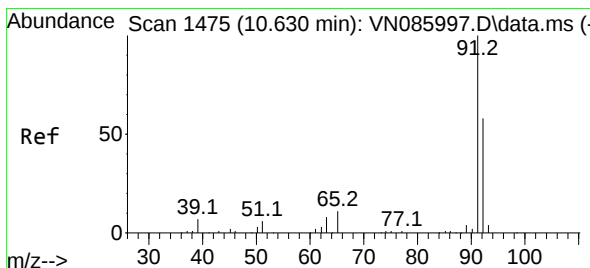
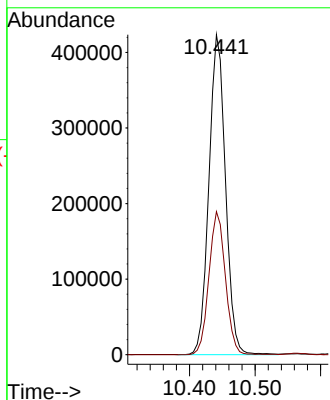
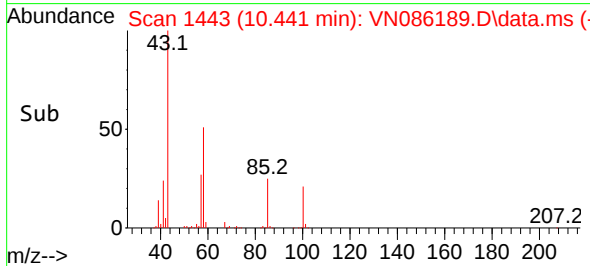
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



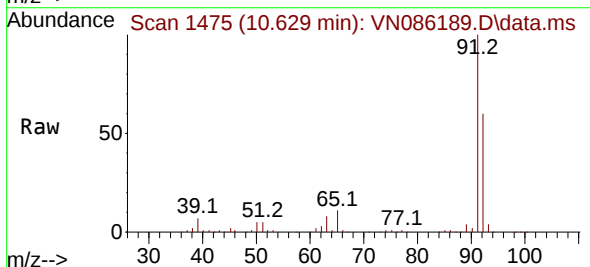
Tgt Ion: 43 Resp: 744493
Ion Ratio Lower Upper
43 100
58 44.5 37.4 56.0

Manual Integrations
APPROVED

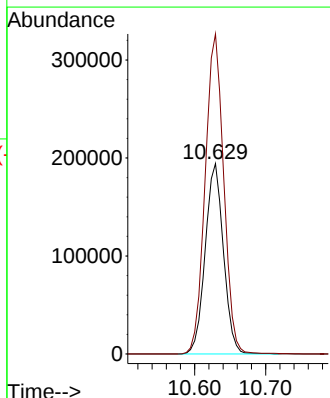
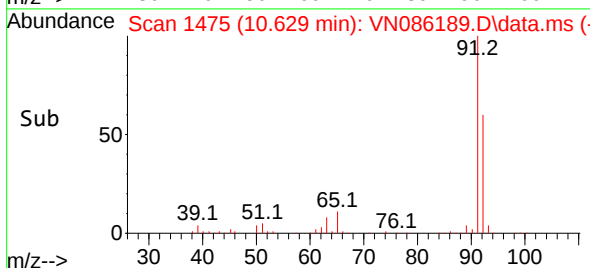
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

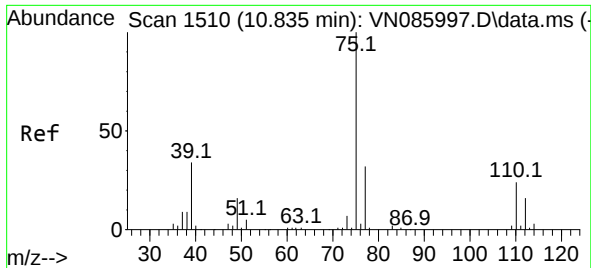


#52
Toluene
Concen: 54.551 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



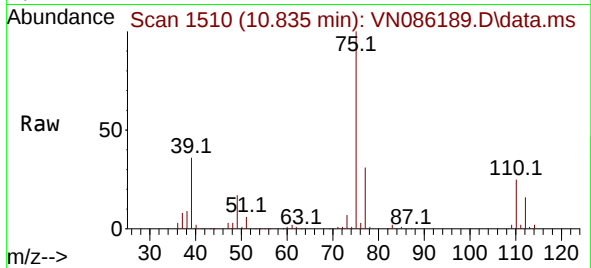
Tgt Ion: 92 Resp: 346598
Ion Ratio Lower Upper
92 100
91 171.2 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 45.685 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

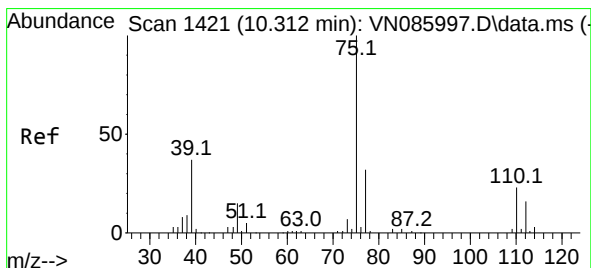
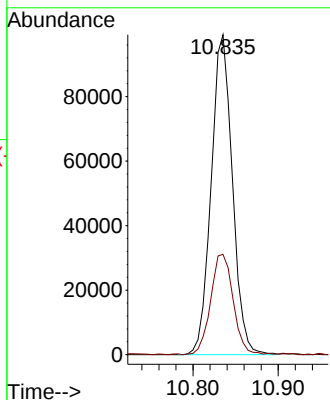
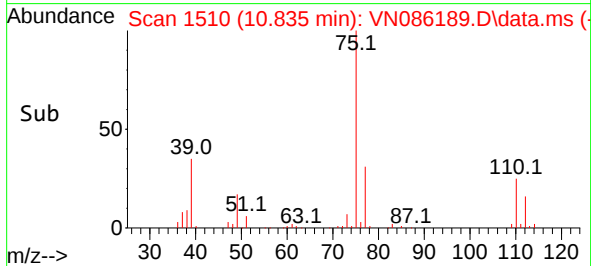
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 171699
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

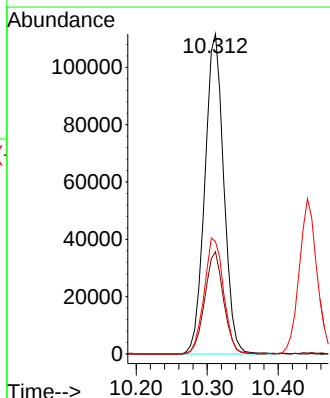
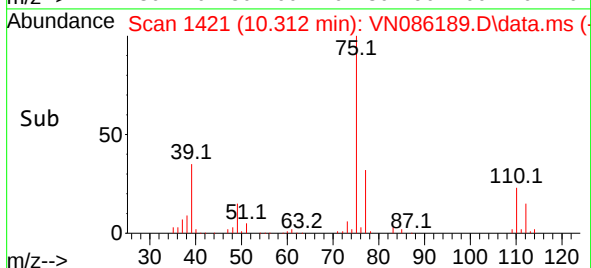
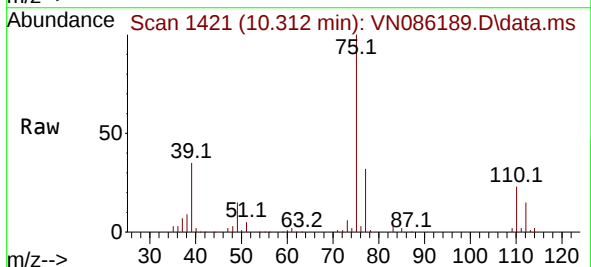
Manual Integrations
APPROVED

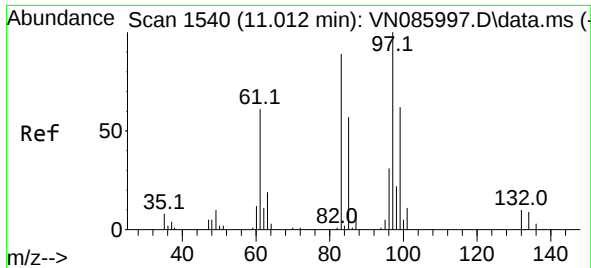
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#54
cis-1,3-Dichloropropene
Concen: 52.100 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

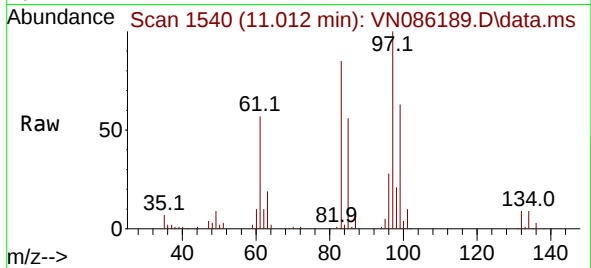
Tgt Ion: 75 Resp: 206593
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 35.1 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 52.443 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

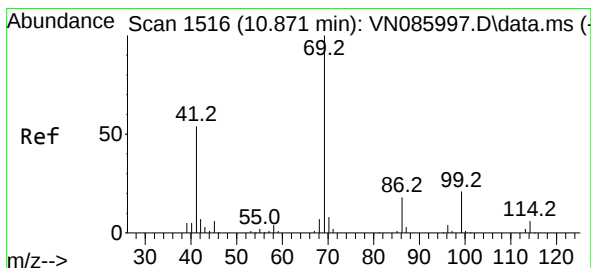
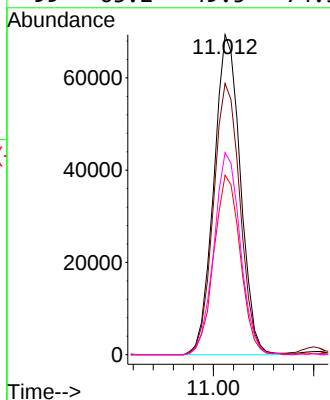
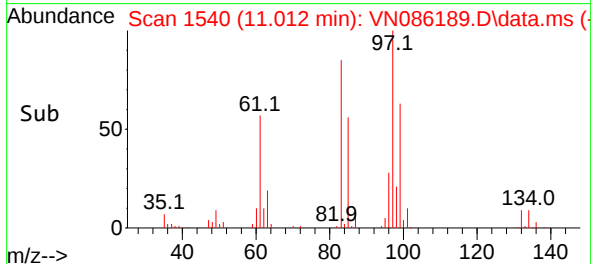
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



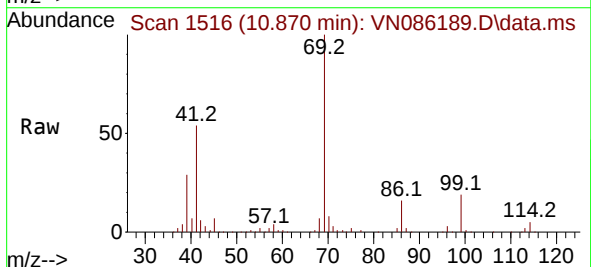
Tgt Ion: 97 Resp: 12717
Ion Ratio Lower Upper
97 100
83 84.8 71.2 106.8
85 56.1 45.4 68.0
99 63.2 49.5 74.3

Manual Integrations
APPROVED

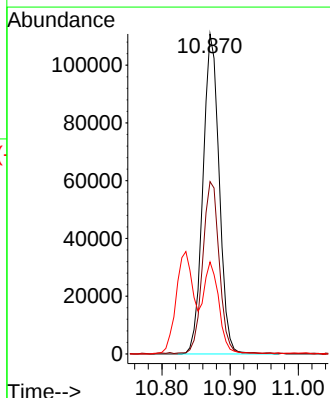
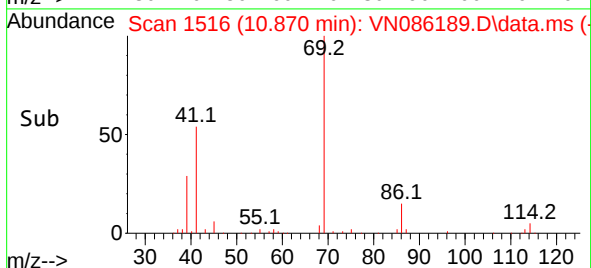
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

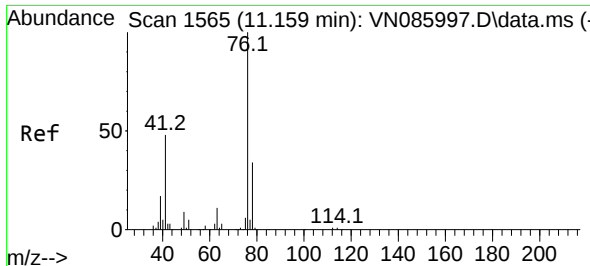


#56
Ethyl methacrylate
Concen: 48.795 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



Tgt Ion: 69 Resp: 183688
Ion Ratio Lower Upper
69 100
41 54.7 41.6 62.4
39 26.9 21.8 32.8





#57

1,3-Dichloropropane

Concen: 52.498 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 21623

Ion Ratio Lower Upper

76 100

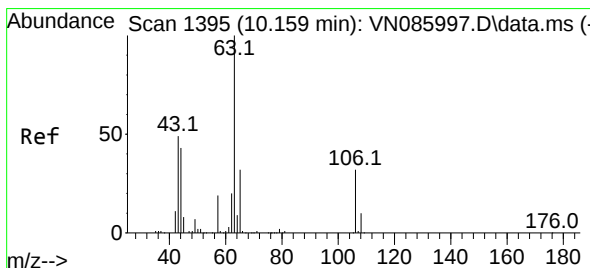
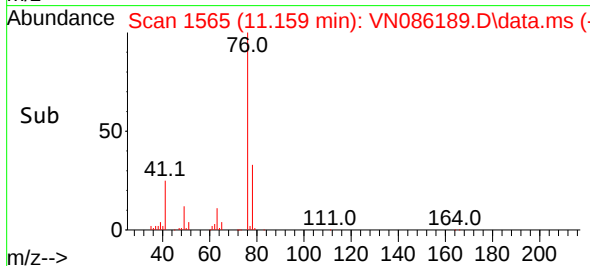
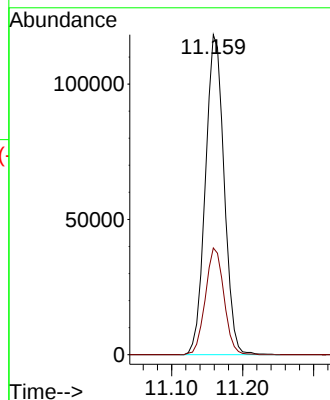
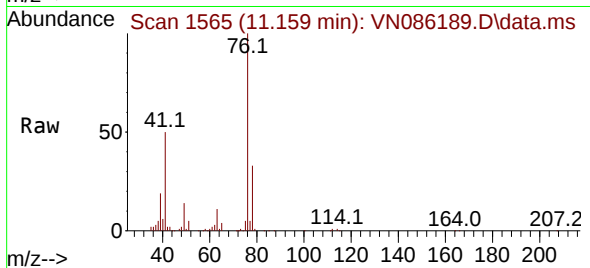
78 33.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 296.592 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086189.D

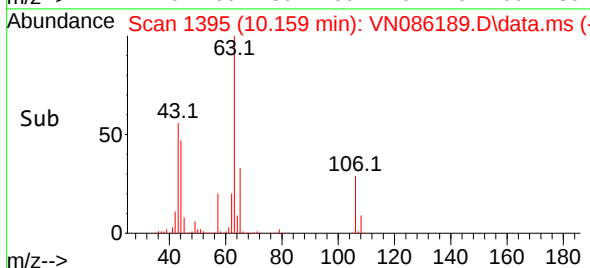
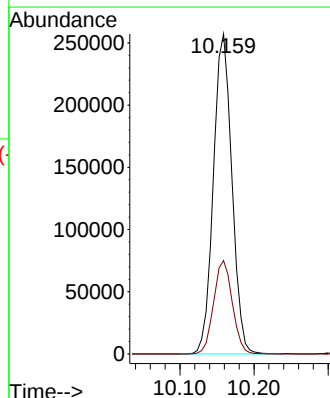
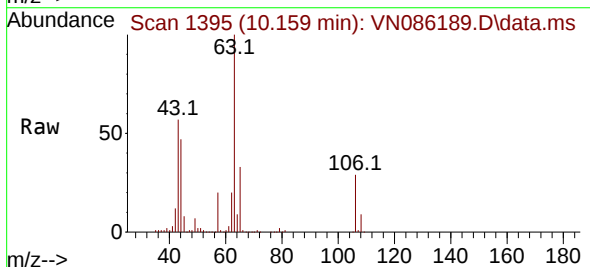
Acq: 31 Mar 2025 23:29

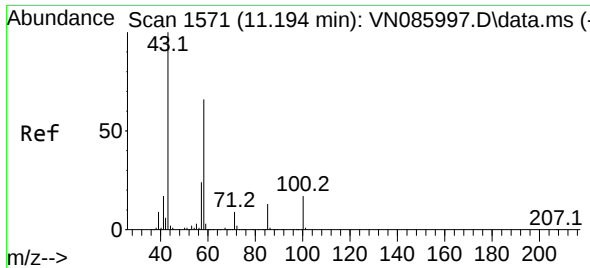
Tgt Ion: 63 Resp: 446159

Ion Ratio Lower Upper

63 100

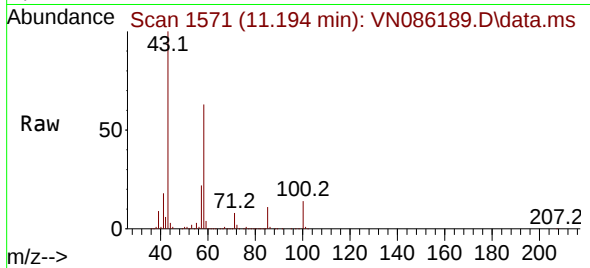
106 29.4 25.0 37.6





#59
2-Hexanone
Concen: 276.480 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

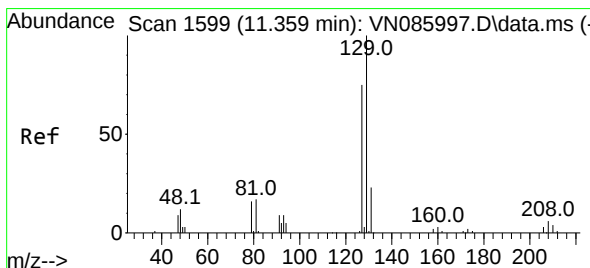
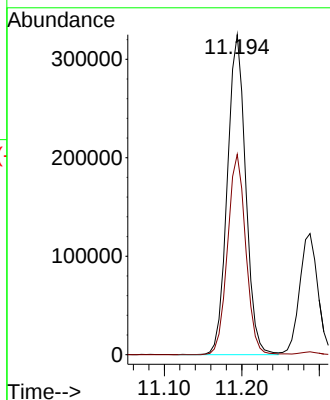
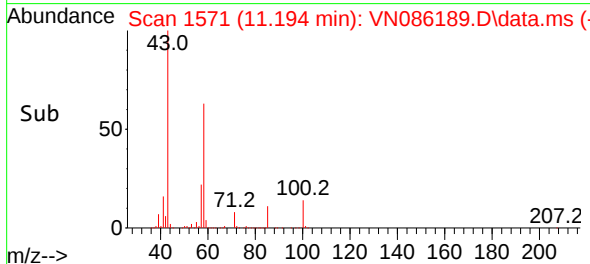
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 53550
Ion Ratio Lower Upper
43 100
58 62.0 32.4 97.2

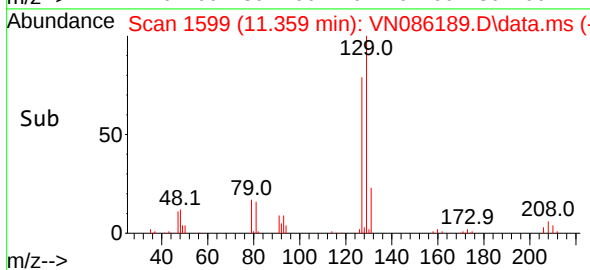
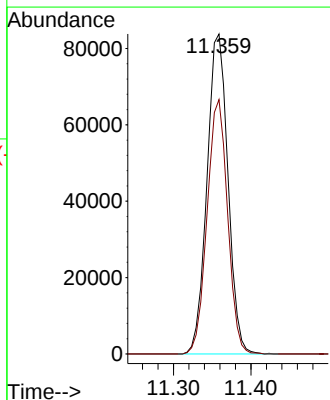
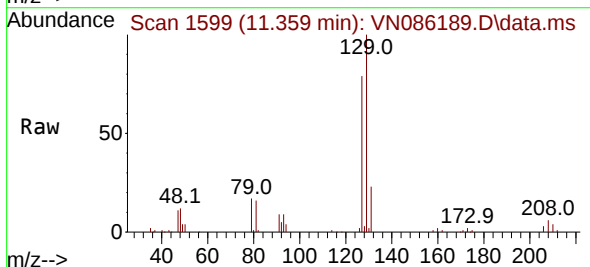
Manual Integrations
APPROVED

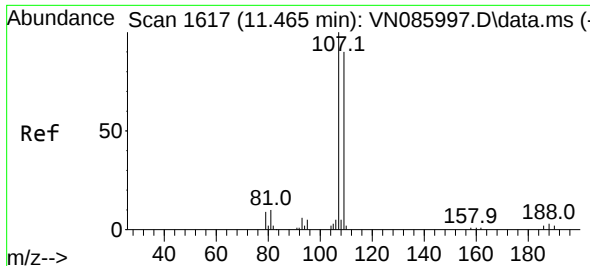
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#60
Dibromochloromethane
Concen: 50.276 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion:129 Resp: 157326
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4





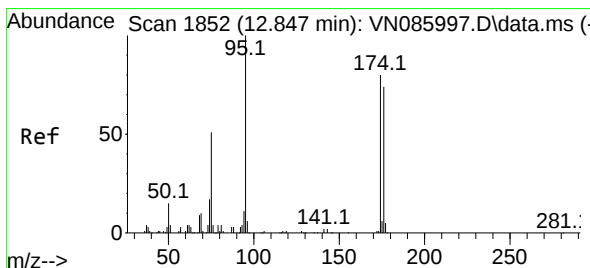
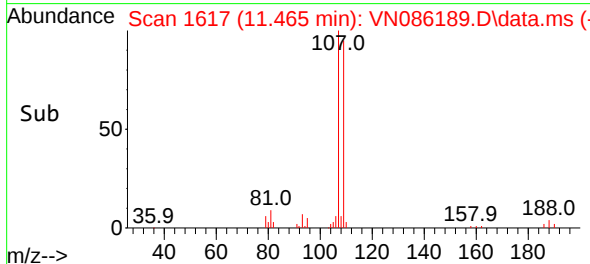
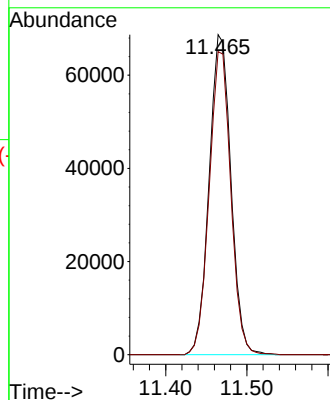
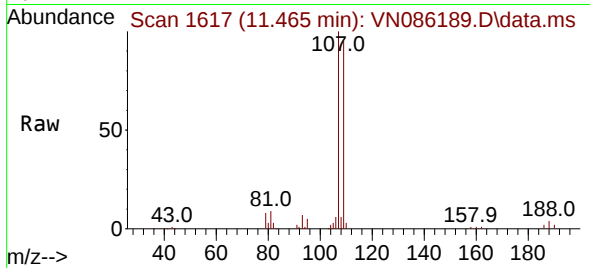
#61
1,2-Dibromoethane
Concen: 51.419 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 12801
Ion Ratio Lower Upper
107 100
109 93.9 73.3 109.9

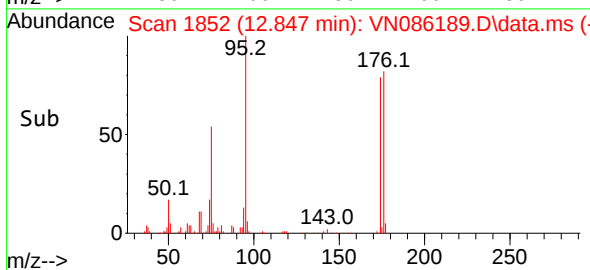
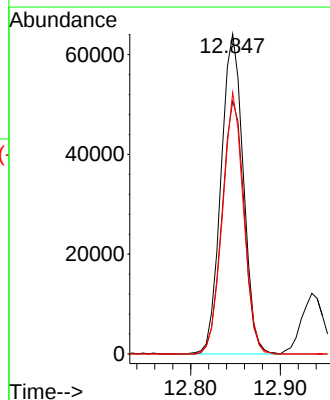
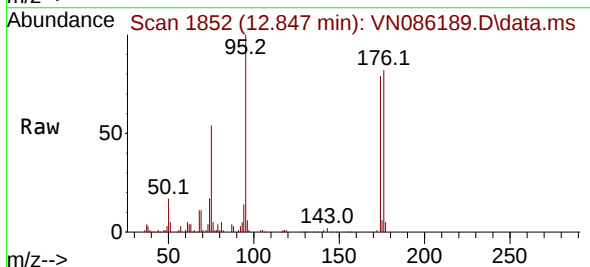
Manual Integrations
APPROVED

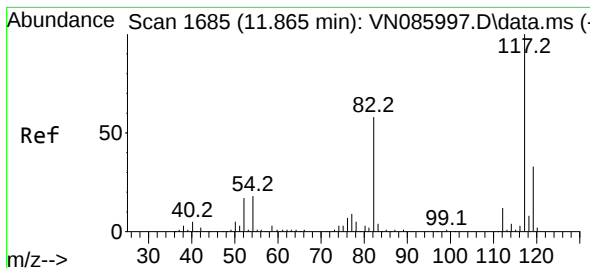
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#62
4-Bromofluorobenzene
Concen: 34.098 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 95 Resp: 110530
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.8
176 77.3 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 326018

Ion Ratio Lower Upper

117 100

82 56.3 46.7 70.1

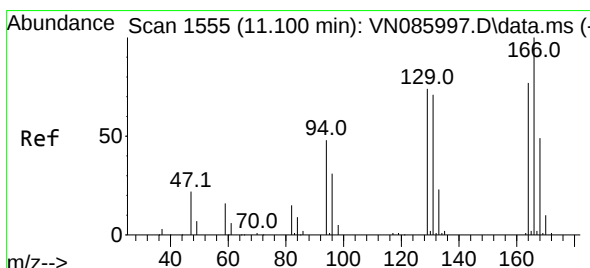
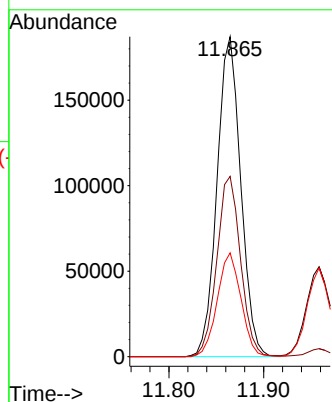
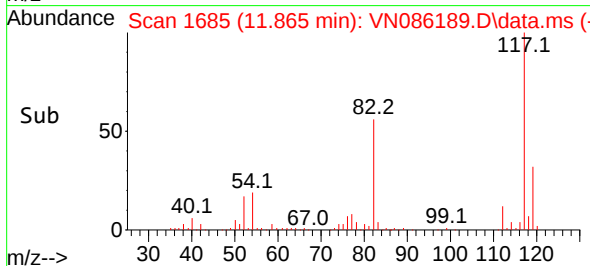
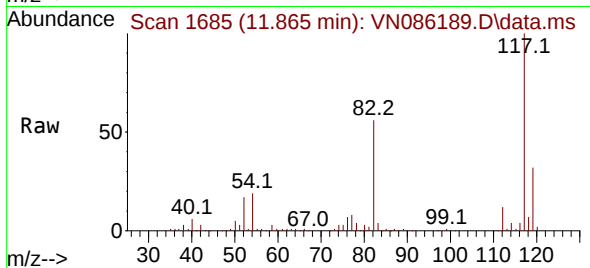
119 32.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#64

Tetrachloroethene

Concen: 45.579 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Tgt Ion:164 Resp: 118537

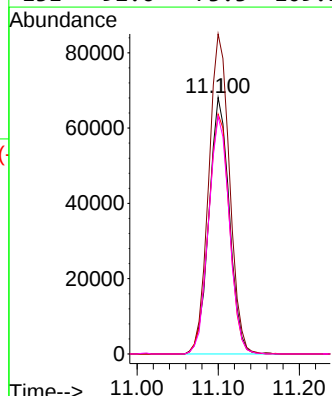
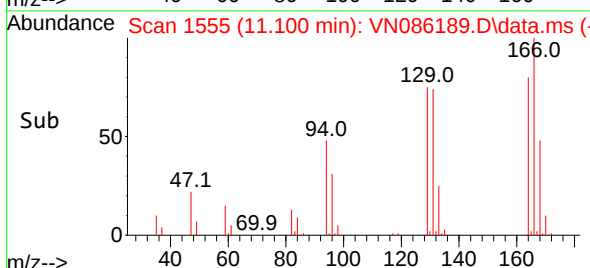
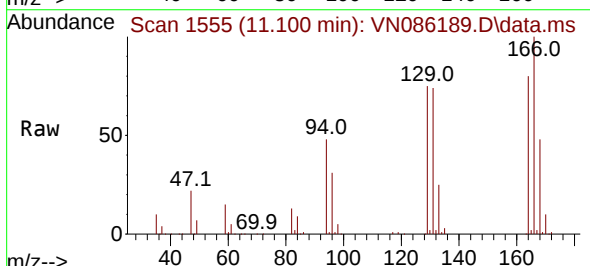
Ion Ratio Lower Upper

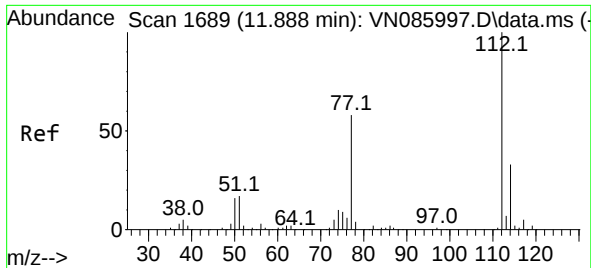
164 100

166 124.8 103.7 155.5

129 93.6 77.1 115.7

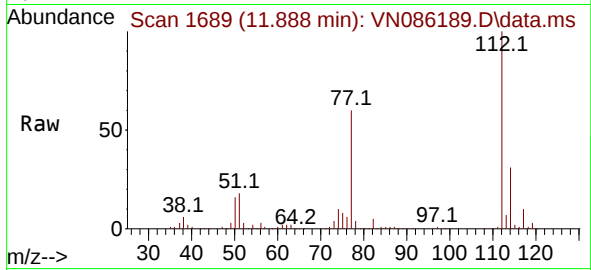
131 92.6 73.3 109.9





#65
Chlorobenzene
Concen: 49.466 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

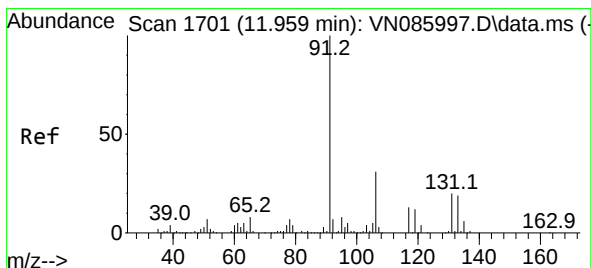
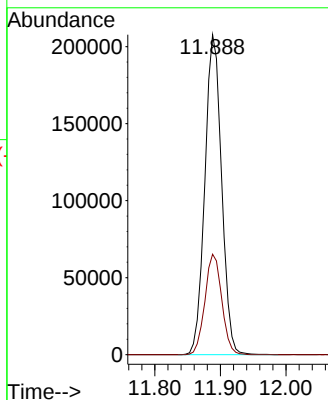
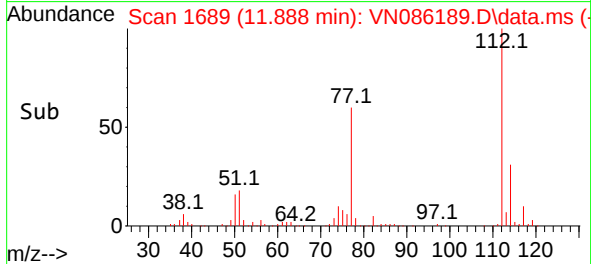
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



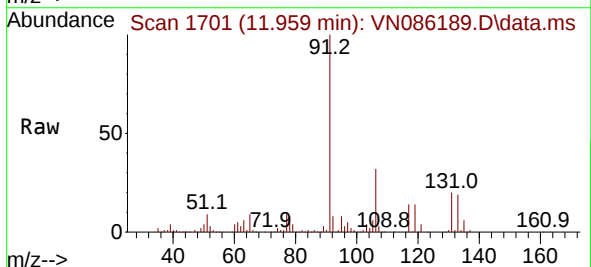
Tgt Ion:112 Resp: 369024
Ion Ratio Lower Upper
112 100
114 31.4 26.3 39.5

Manual Integrations
APPROVED

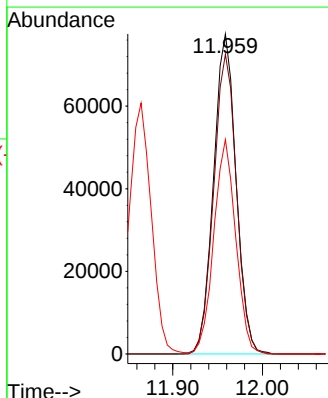
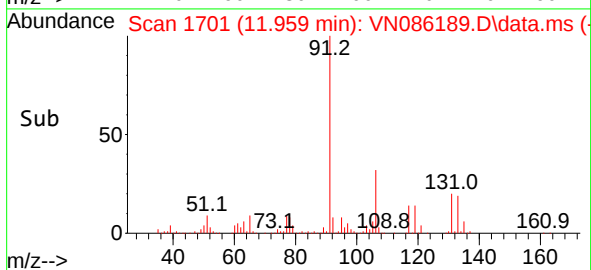
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

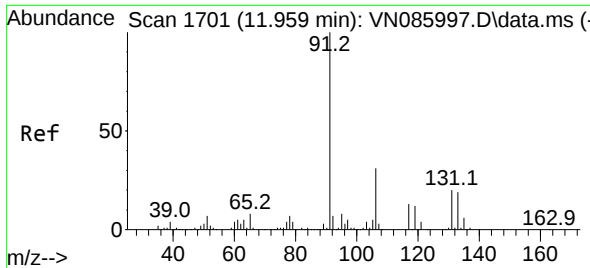


#66
1,1,1,2-Tetrachloroethane
Concen: 48.770 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



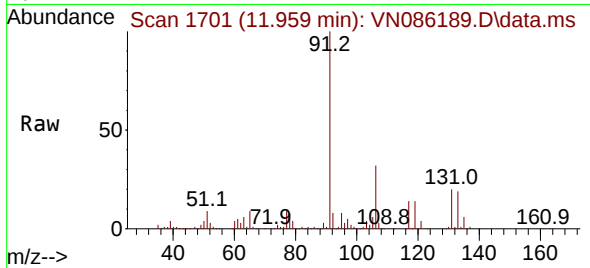
Tgt Ion:131 Resp: 135249
Ion Ratio Lower Upper
131 100
133 94.7 47.0 141.0
119 65.3 31.4 94.0





#67
Ethyl Benzene
Concen: 53.269 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

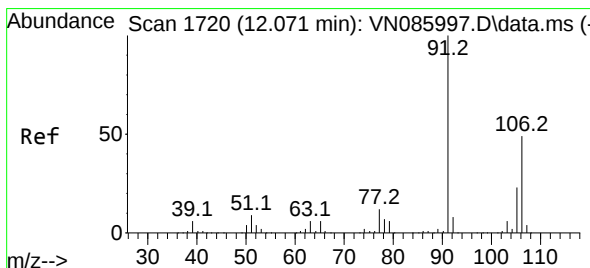
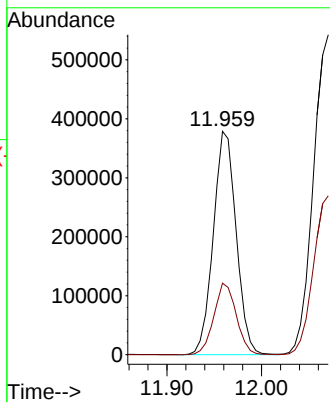
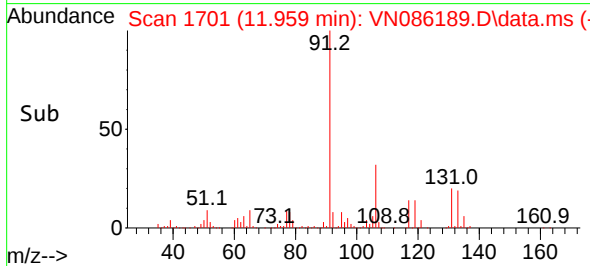
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



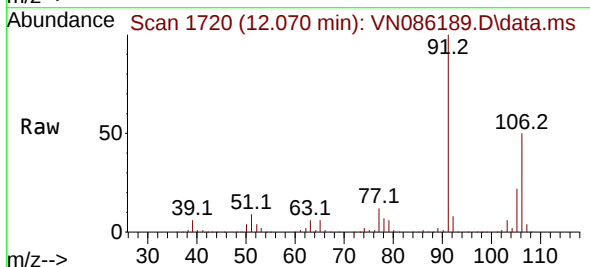
Tgt Ion: 91 Resp: 635680
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

Manual Integrations
APPROVED

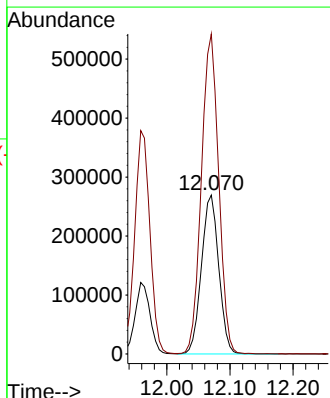
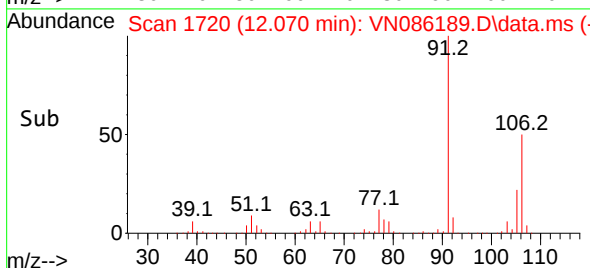
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

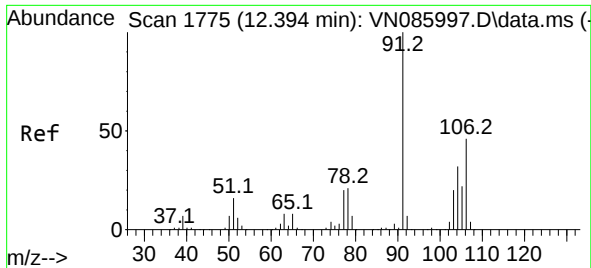


#68
m/p-Xylenes
Concen: 109.379 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



Tgt Ion:106 Resp: 513033
Ion Ratio Lower Upper
106 100
91 200.8 163.9 245.9





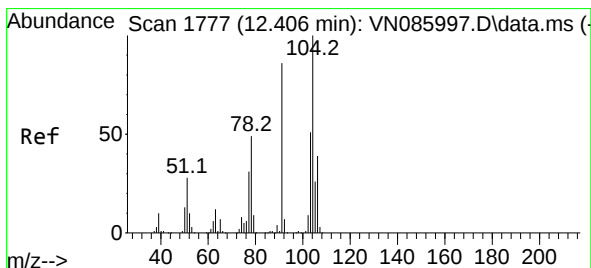
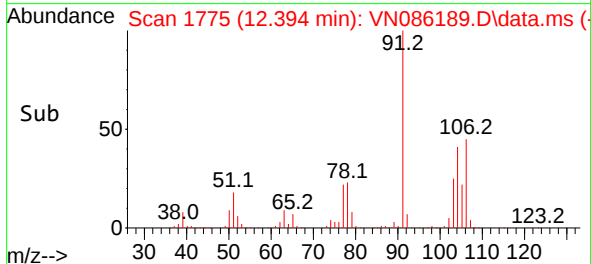
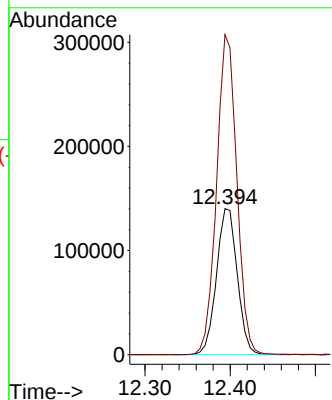
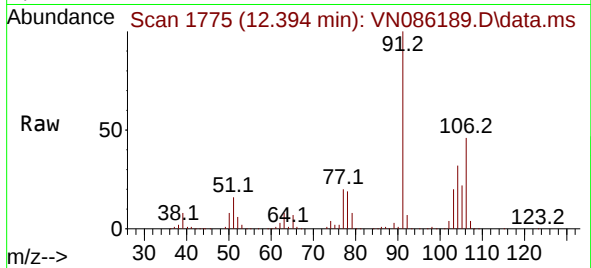
#69
o-Xylene
Concen: 55.352 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 238280
Ion Ratio Lower Upper
106 100
91 213.6 109.1 327.2

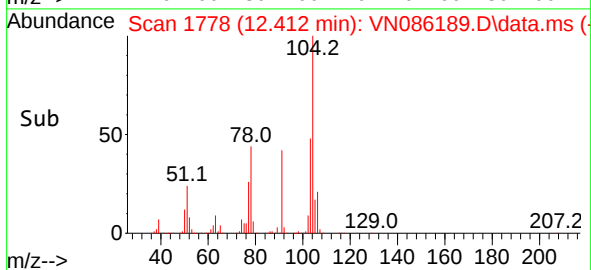
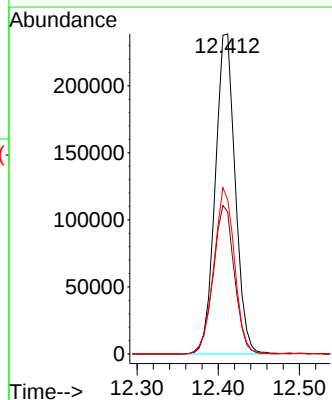
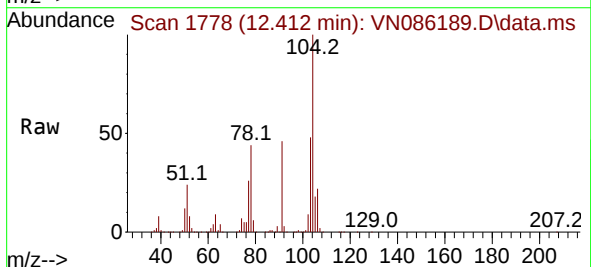
Manual Integrations
APPROVED

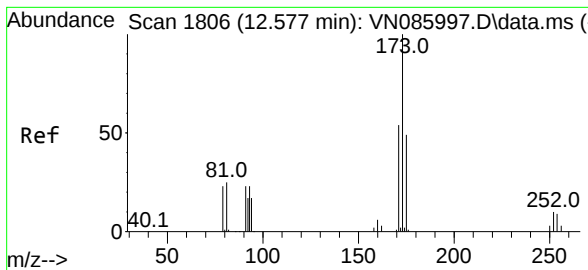
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#70
Styrene
Concen: 55.568 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

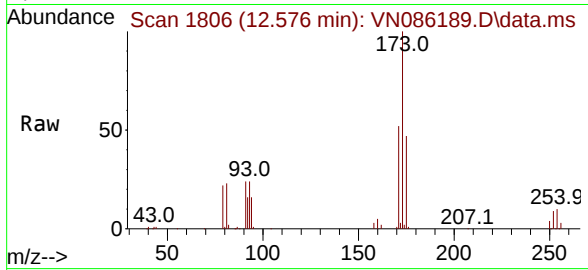
Tgt Ion:104 Resp: 408584
Ion Ratio Lower Upper
104 100
78 49.6 41.4 62.2
103 53.8 42.9 64.3





#71
Bromoform
Concen: 47.264 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

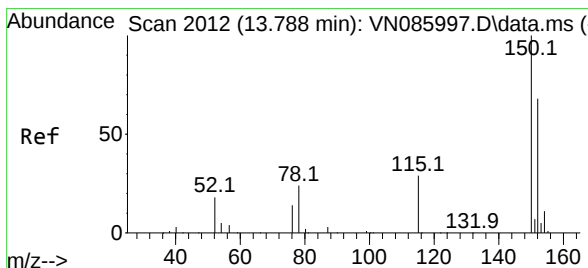
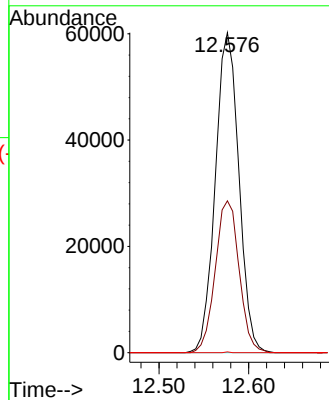
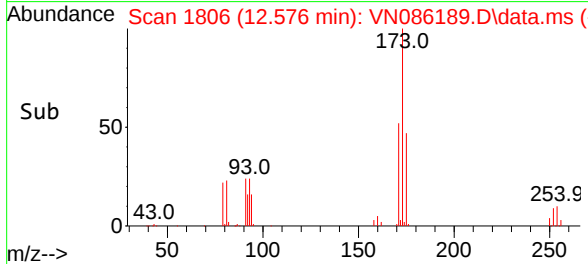
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



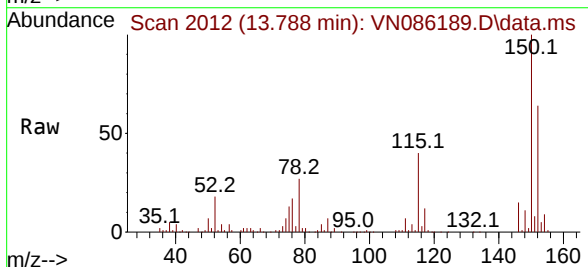
Tgt Ion:173 Resp: 109572
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

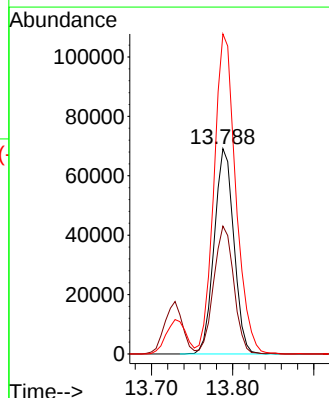
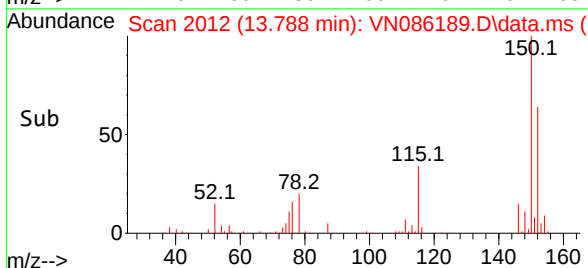
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

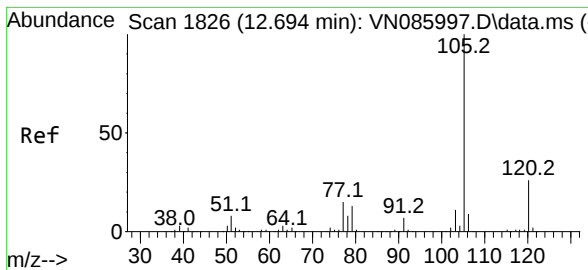


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



Tgt Ion:152 Resp: 116209
Ion Ratio Lower Upper
152 100
115 64.0 31.1 93.2
150 172.9 0.0 359.6





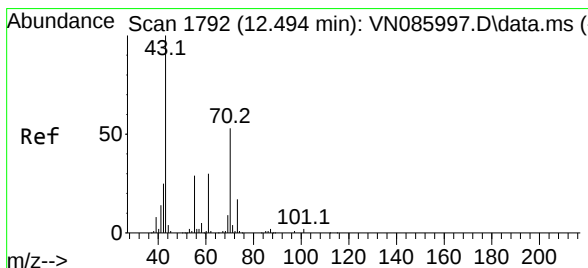
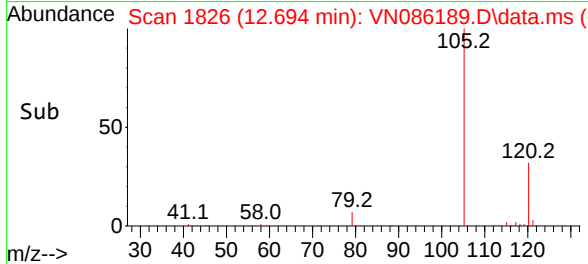
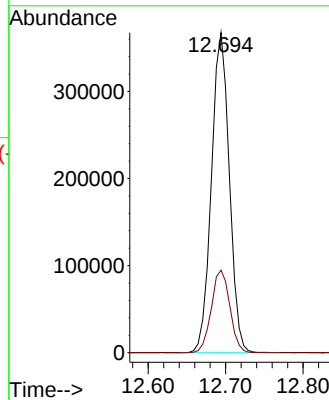
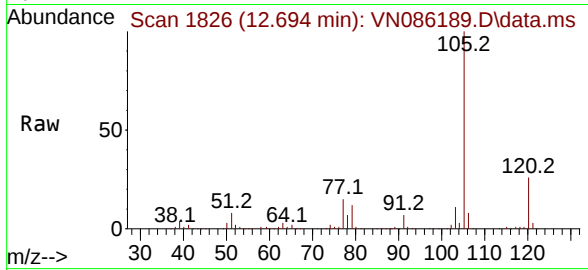
#73
Isopropylbenzene
Concen: 74.292 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 58956
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

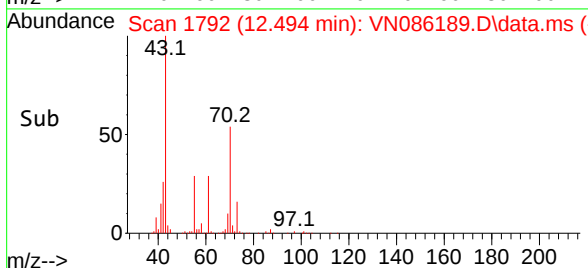
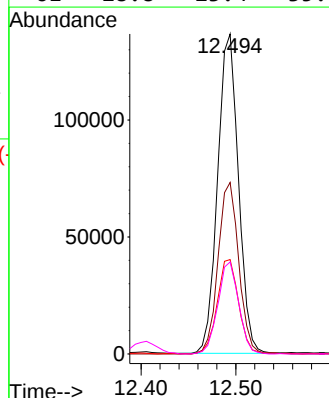
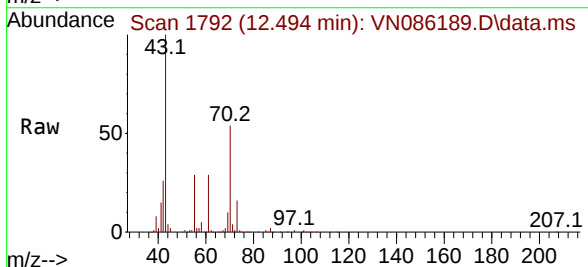
Manual Integrations
APPROVED

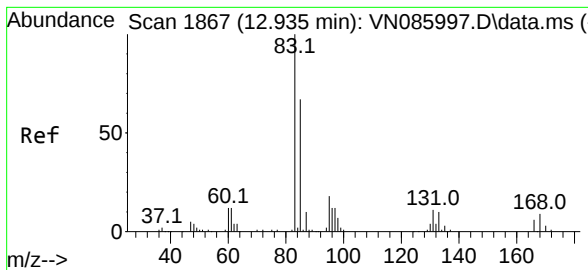
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#74
N-ethyl acetate
Concen: 78.611 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

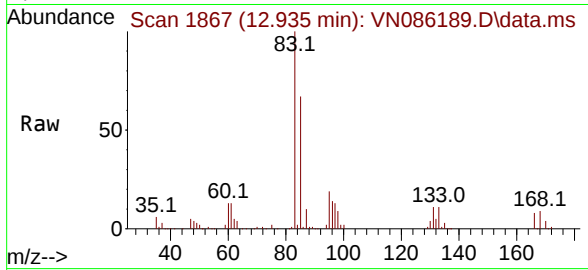
Tgt Ion: 43 Resp: 208714
Ion Ratio Lower Upper
43 100
70 53.4 43.0 64.4
55 30.7 23.8 35.8
61 28.8 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 41.491 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

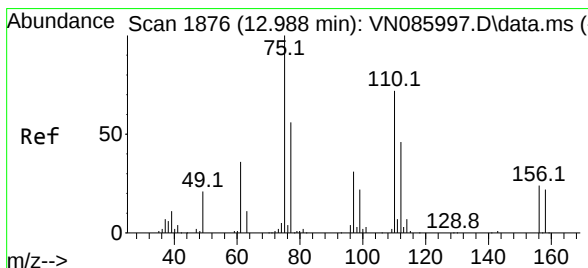
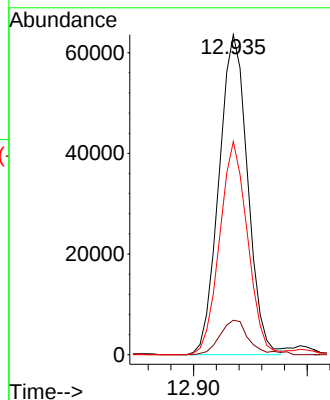
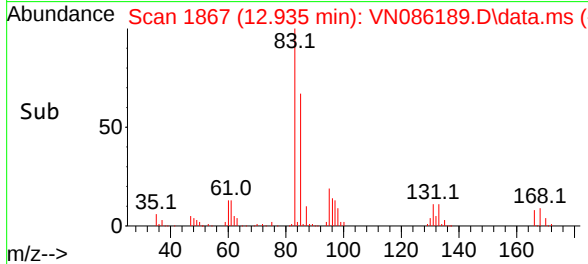
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11139
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.5
85 64.7 32.6 97.8

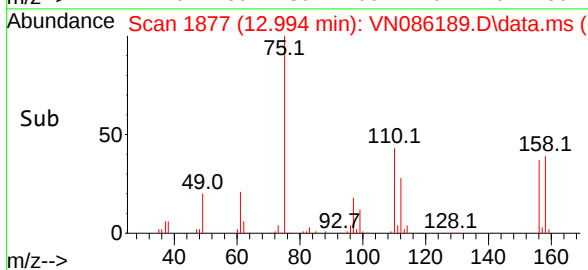
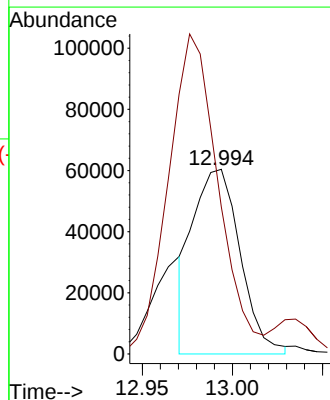
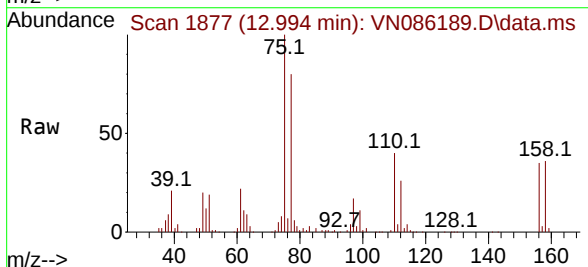
Manual Integrations
APPROVED

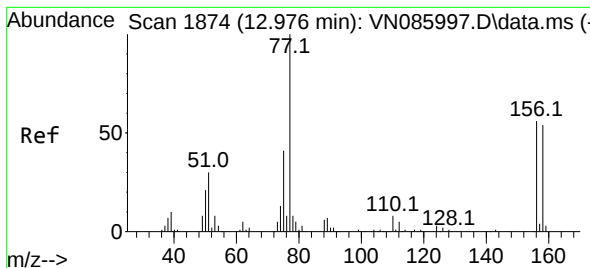
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#76
1,2,3-Trichloropropane
Concen: 42.379 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 75 Resp: 110257
Ion Ratio Lower Upper
75 100
77 183.4 83.7 251.0





#77

Bromobenzene

Concen: 46.225 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

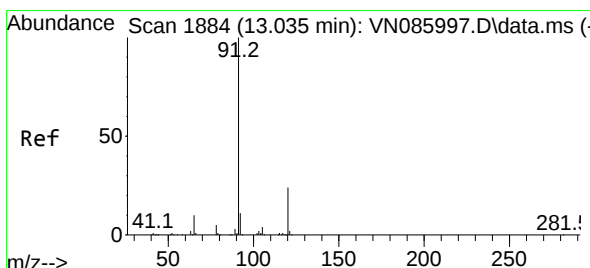
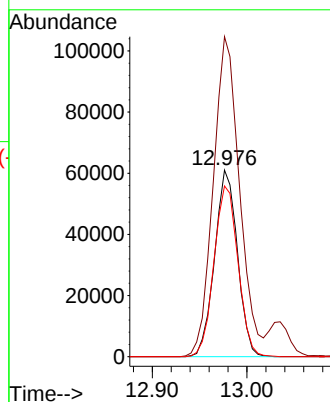
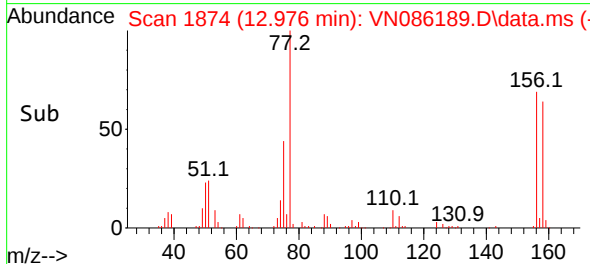
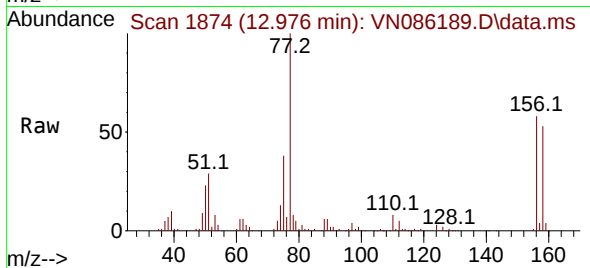
Tgt Ion:156 Resp: 102280
 Ion Ratio Lower Upper
 156 100
 77 197.6 104.1 312.3
 158 96.2 49.0 147.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#78

n-propylbenzene

Concen: 50.087 ug/l

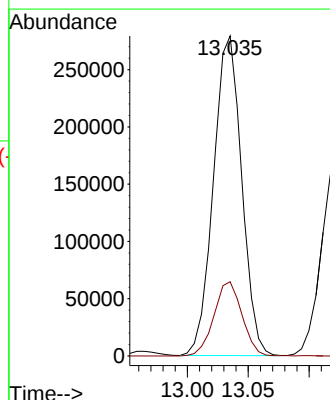
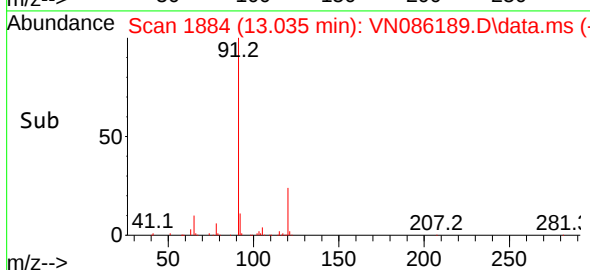
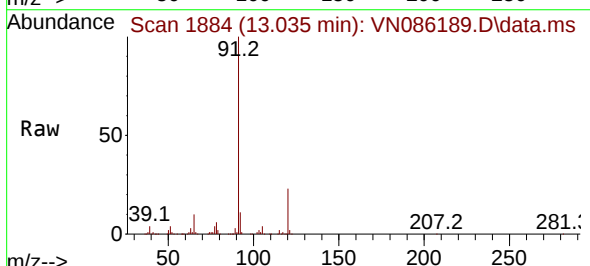
RT: 13.035 min Scan# 1884

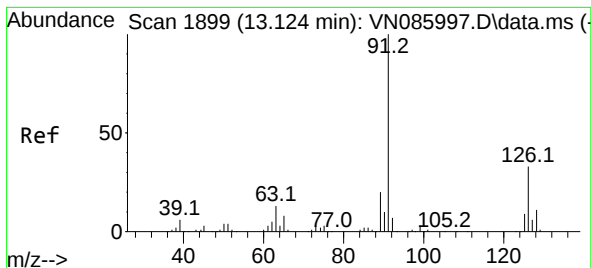
Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Tgt Ion: 91 Resp: 450087
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.7 35.0





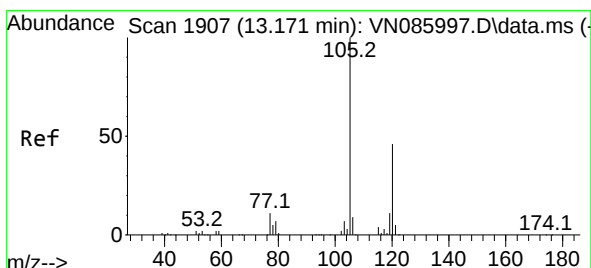
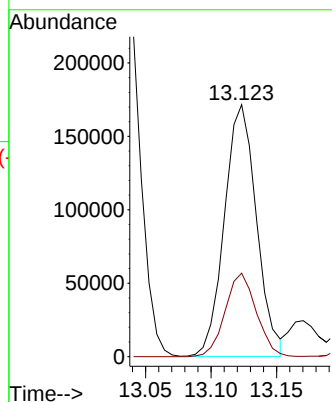
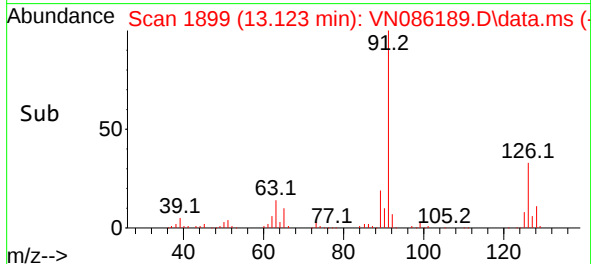
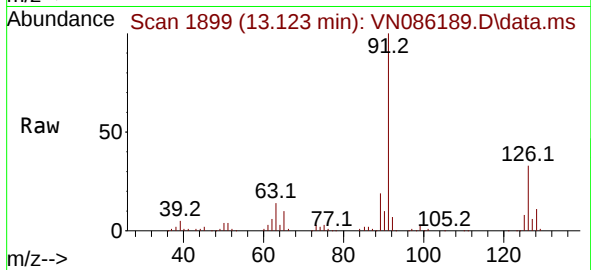
#79
2-Chlorotoluene
Concen: 48.887 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 291793
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.2

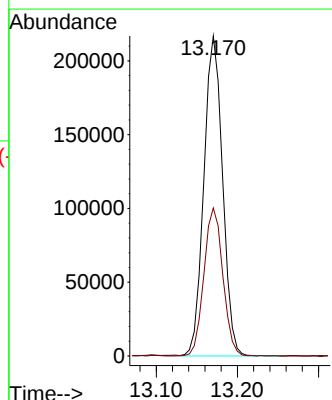
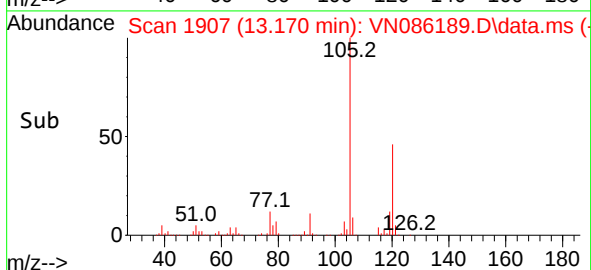
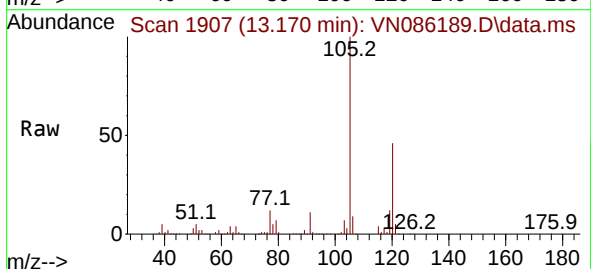
Manual Integrations
APPROVED

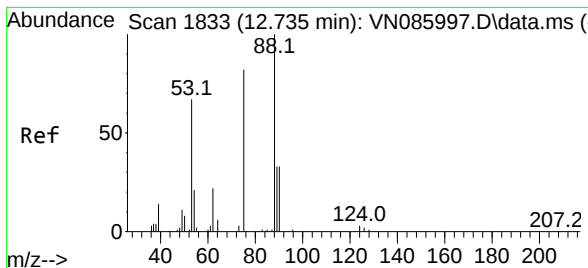
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.848 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

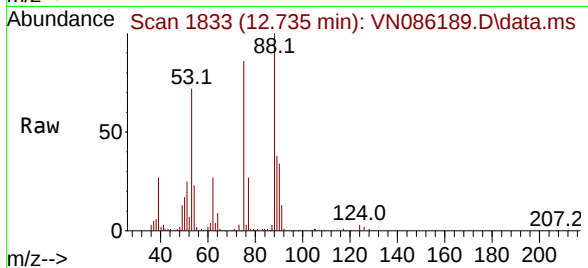
Tgt Ion:105 Resp: 347386
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 62.867 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

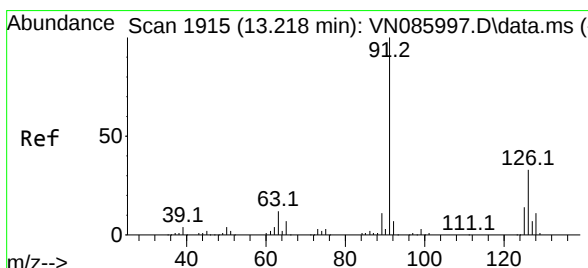
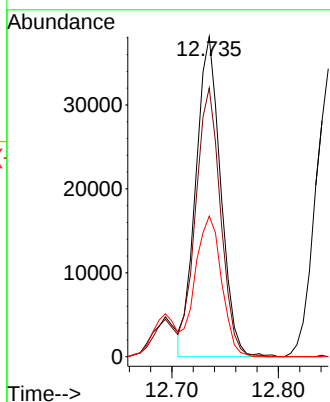
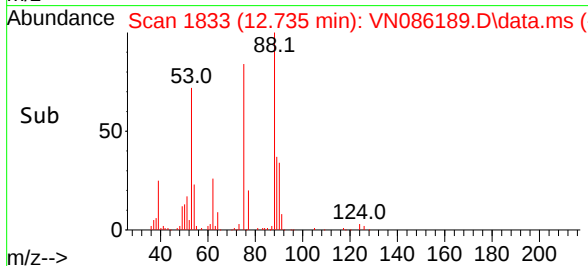
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6186
Ion Ratio Lower Upper
75 100
53 84.5 66.0 99.0
89 47.0 36.9 55.3

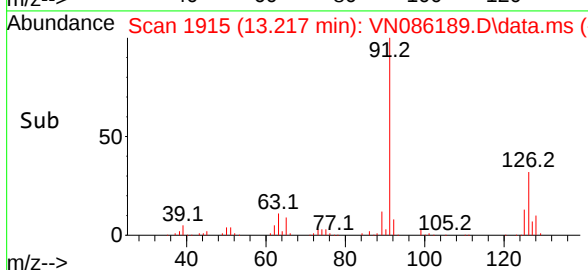
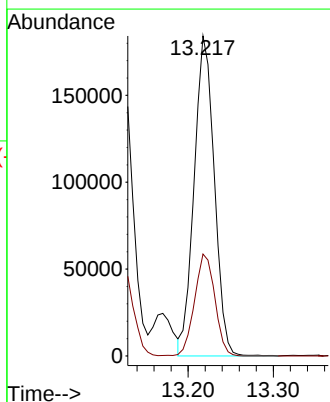
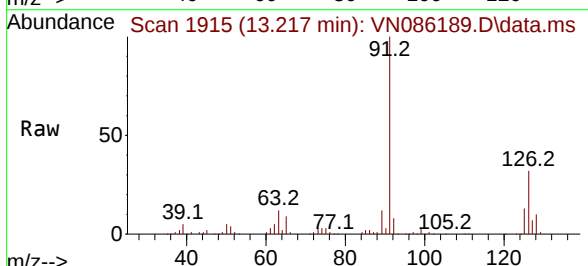
Manual Integrations
APPROVED

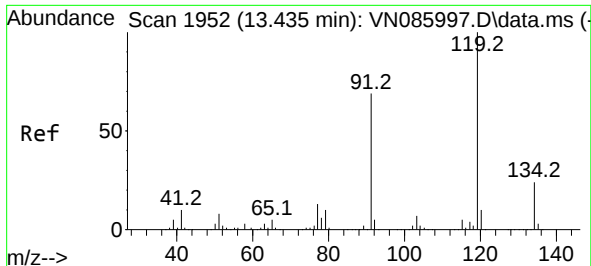
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#82
4-Chlorotoluene
Concen: 49.307 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

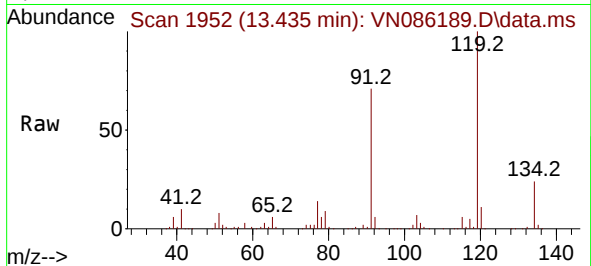
Tgt Ion: 91 Resp: 302639
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2





#83
tert-Butylbenzene
Concen: 49.450 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

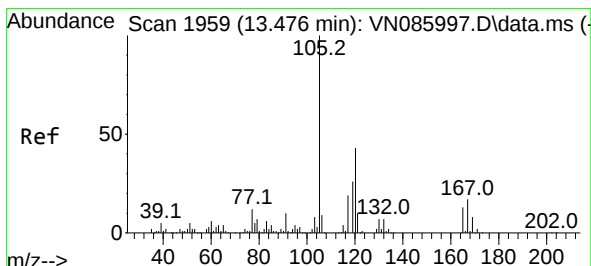
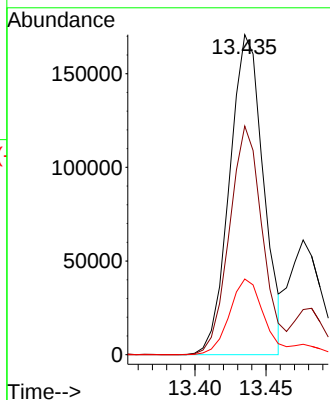
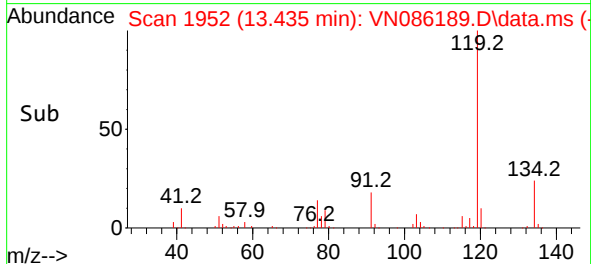
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



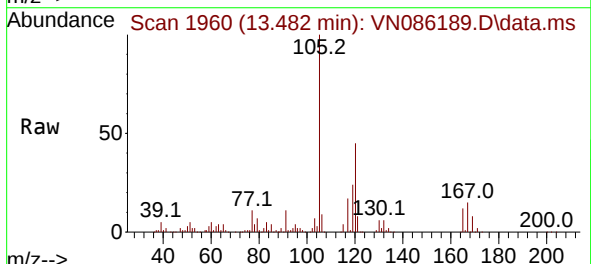
Tgt Ion:119 Resp: 283364
Ion Ratio Lower Upper
119 100
91 70.3 34.3 102.9
134 23.7 13.5 40.5

Manual Integrations
APPROVED

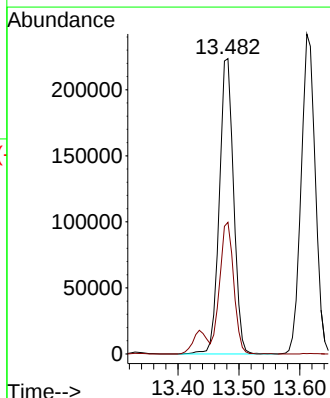
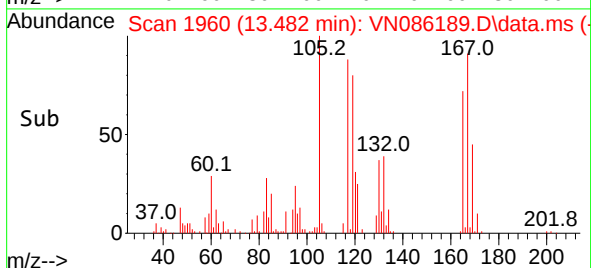
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

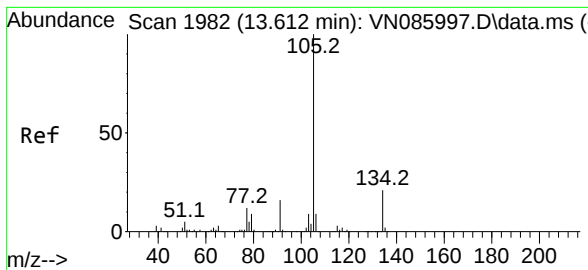


#84
1,2,4-Trimethylbenzene
Concen: 53.764 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



Tgt Ion:105 Resp: 363324
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





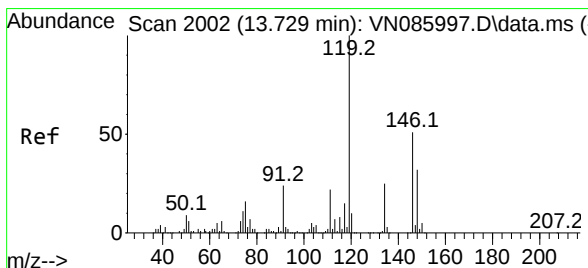
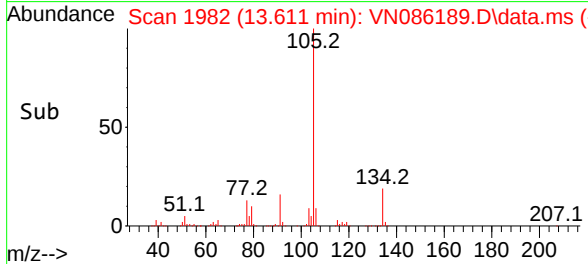
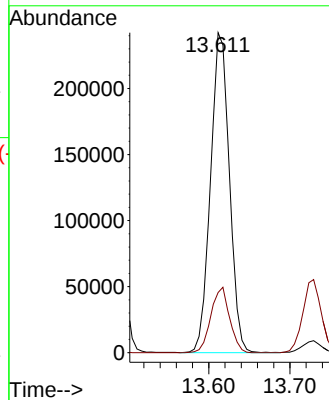
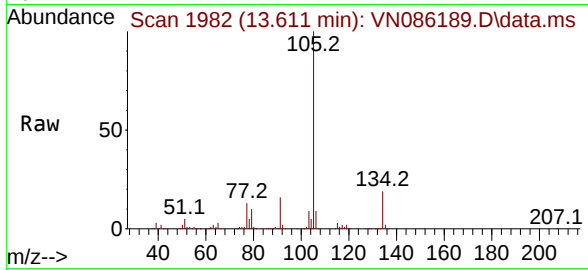
#85
 sec-Butylbenzene
 Concen: 52.269 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086189.D
 Acq: 31 Mar 2025 23:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 390728
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

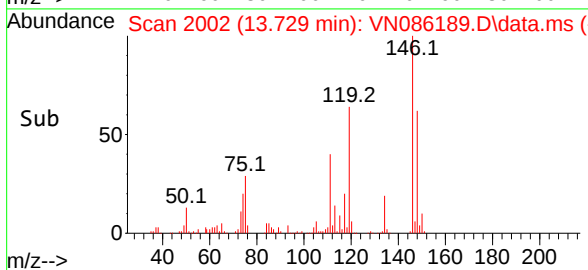
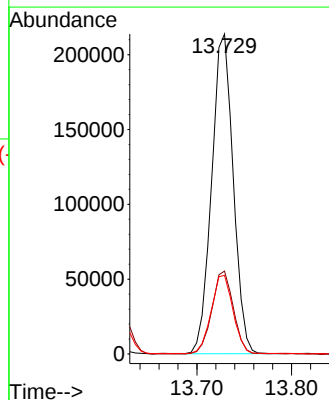
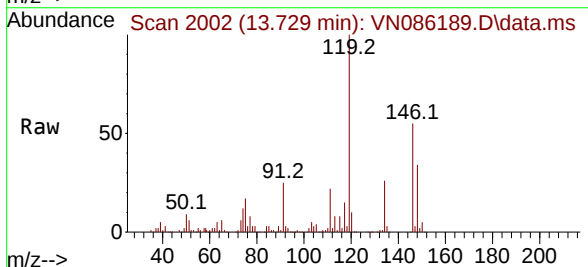
Manual Integrations
 APPROVED

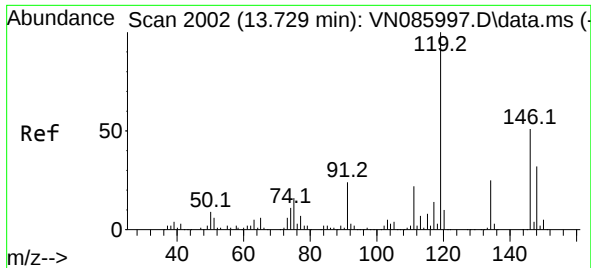
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#86
 p-Isopropyltoluene
 Concen: 53.325 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086189.D
 Acq: 31 Mar 2025 23:29

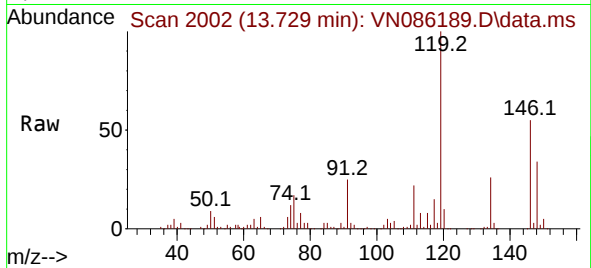
Tgt Ion:119 Resp: 337436
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.8 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 47.935 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

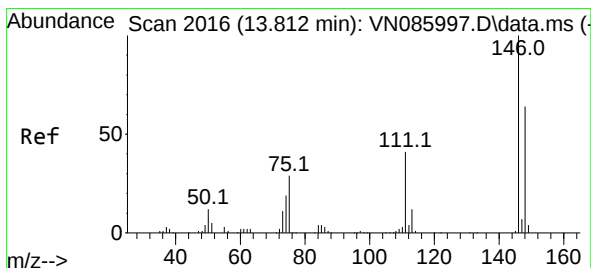
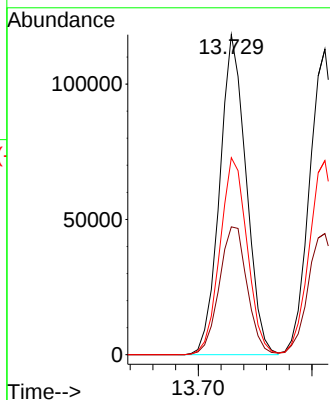
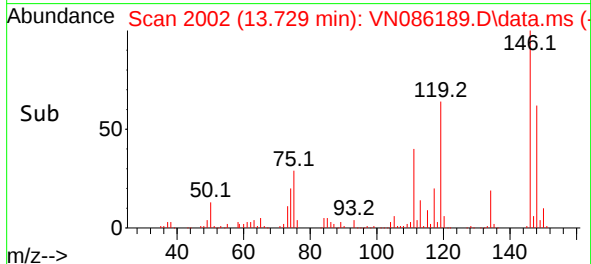
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



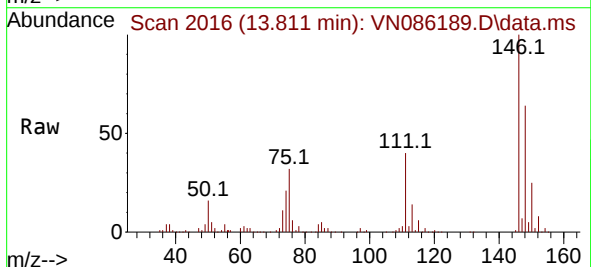
Tgt Ion:146 Resp: 19119
Ion Ratio Lower Upper
146 100
111 42.3 21.2 63.6
148 63.3 31.8 95.4

Manual Integrations
APPROVED

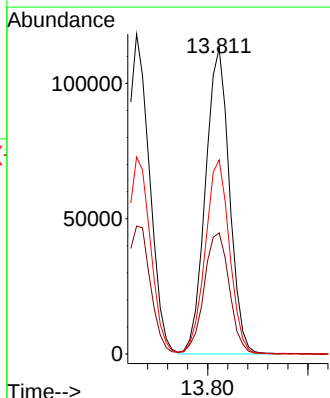
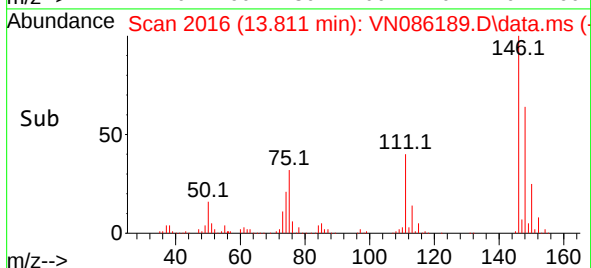
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

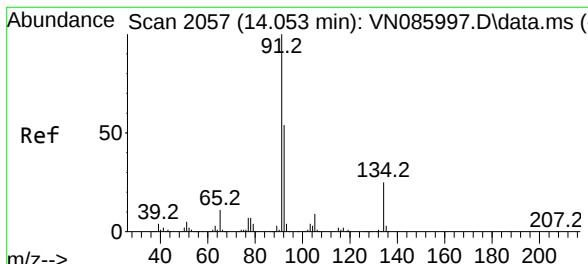


#88
1,4-Dichlorobenzene
Concen: 44.879 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



Tgt Ion:146 Resp: 188074
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.3
148 64.2 32.1 96.5





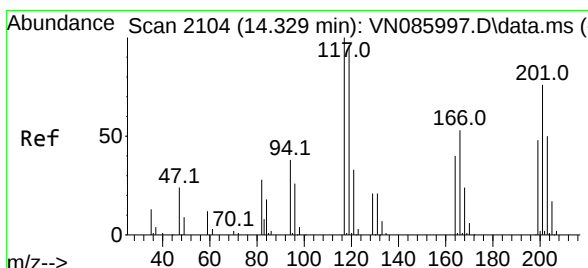
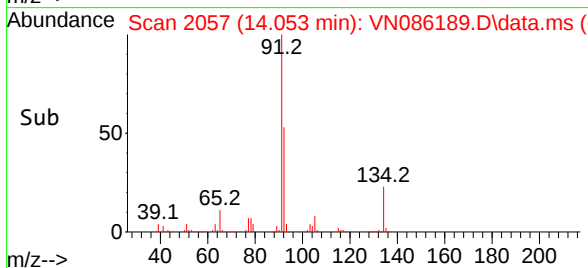
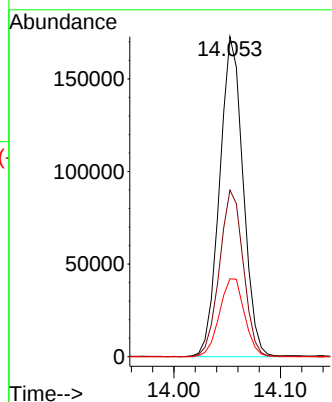
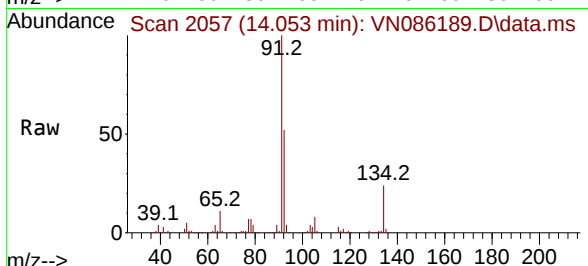
#89
n-Butylbenzene
Concen: 51.380 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 264764
Ion Ratio Lower Upper
91 100
92 52.6 26.9 80.6
134 26.0 13.0 39.0

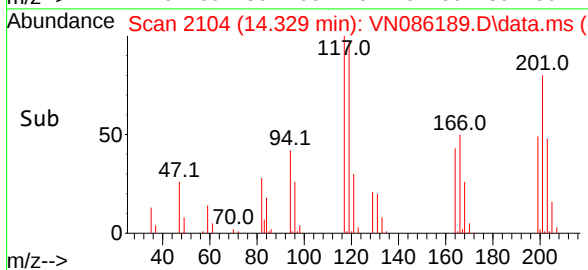
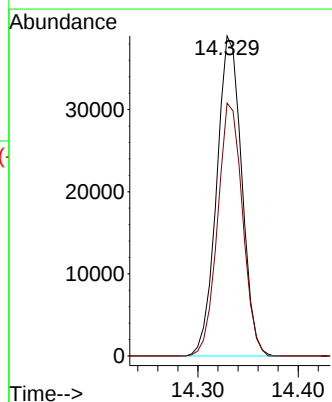
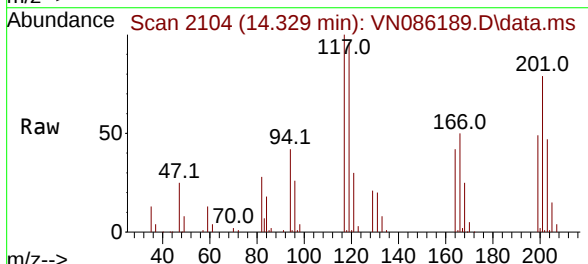
Manual Integrations
APPROVED

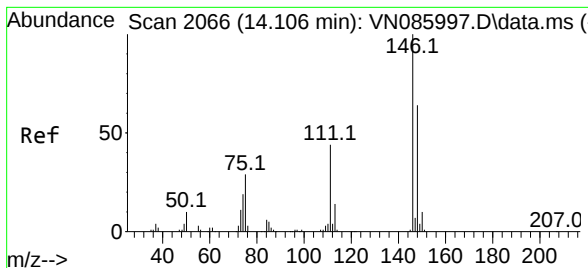
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#90
Hexachloroethane
Concen: 46.340 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion:117 Resp: 67663
Ion Ratio Lower Upper
117 100
201 78.6 39.1 117.3





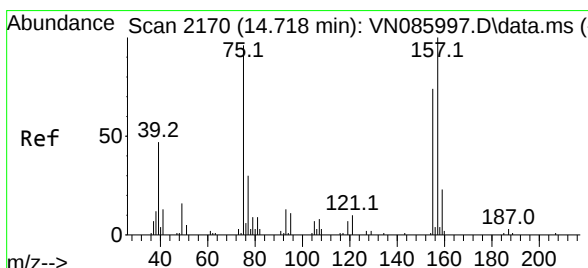
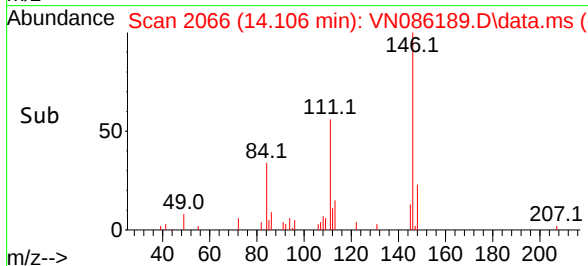
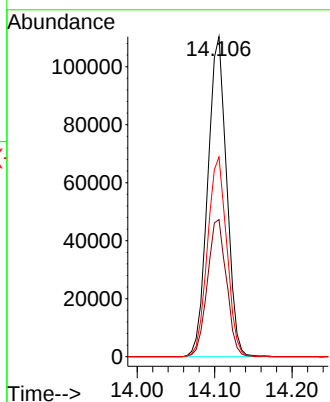
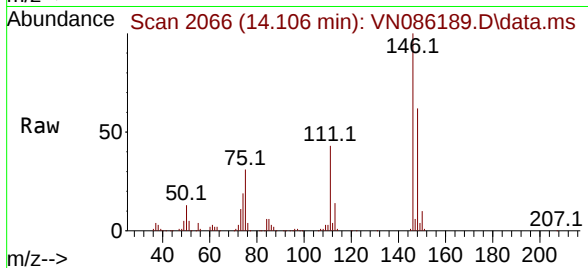
#91
1,2-Dichlorobenzene
Concen: 47.134 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 186890
Ion Ratio Lower Upper
146 100
111 43.3 22.3 66.8
148 63.7 32.1 96.5

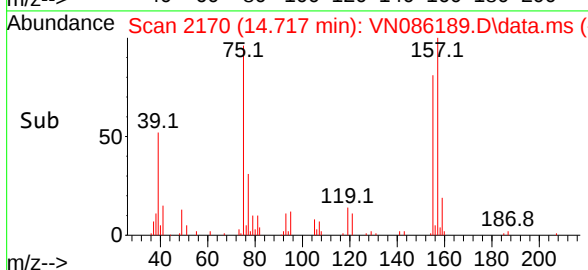
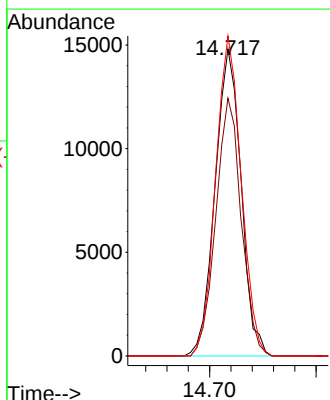
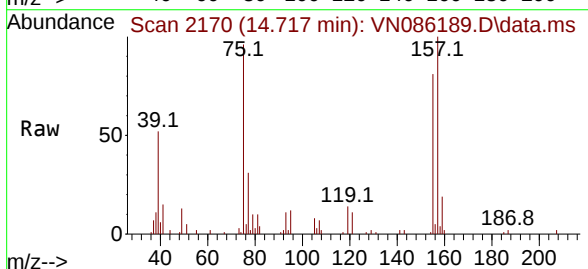
Manual Integrations
APPROVED

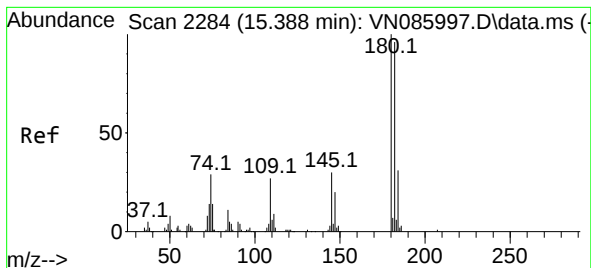
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.762 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

Tgt Ion: 75 Resp: 25061
Ion Ratio Lower Upper
75 100
155 82.4 41.0 123.0
157 102.6 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 47.336 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

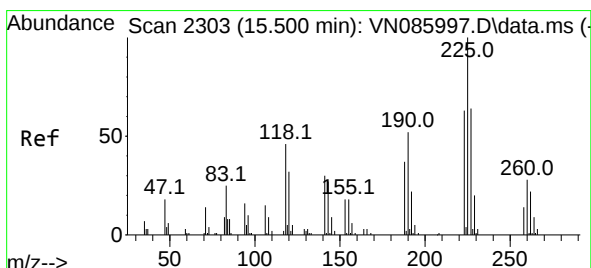
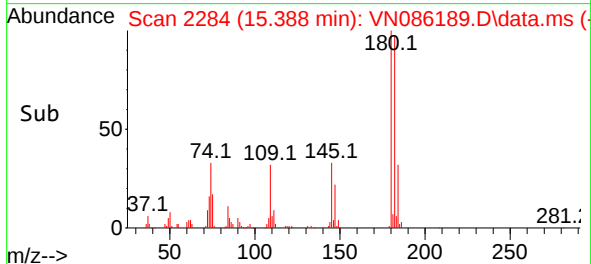
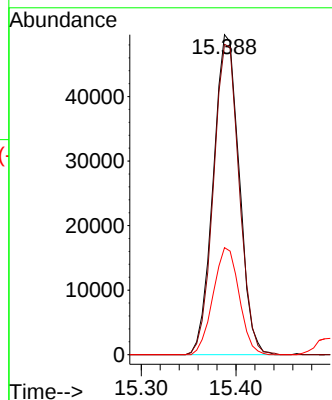
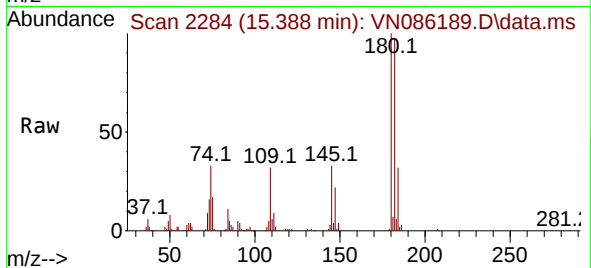
Tgt Ion:180	Resp:	94374
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.0 141.0
145	33.5	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#94

Hexachlorobutadiene

Concen: 42.796 ug/l

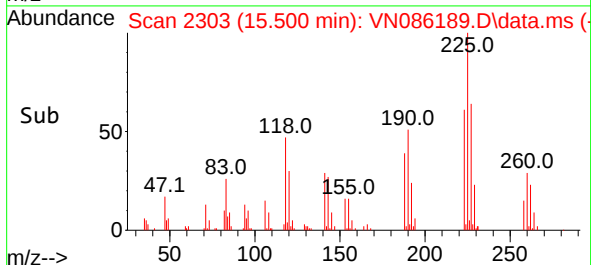
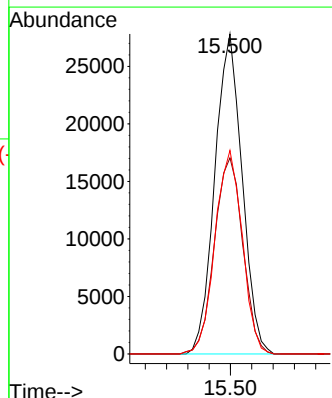
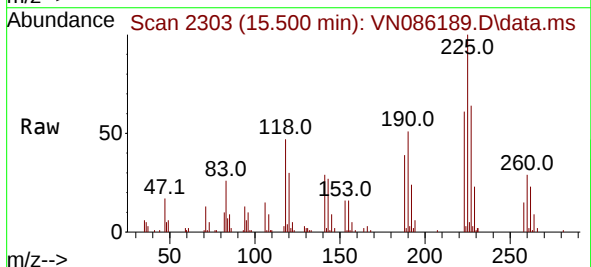
RT: 15.500 min Scan# 2303

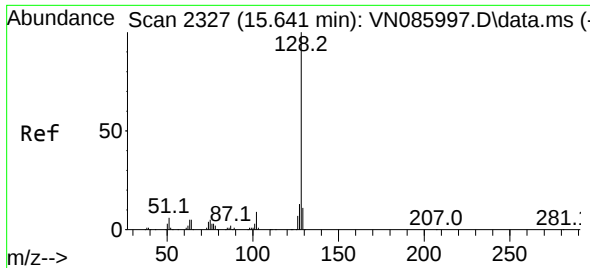
Delta R.T. -0.000 min

Lab File: VN086189.D

Acq: 31 Mar 2025 23:29

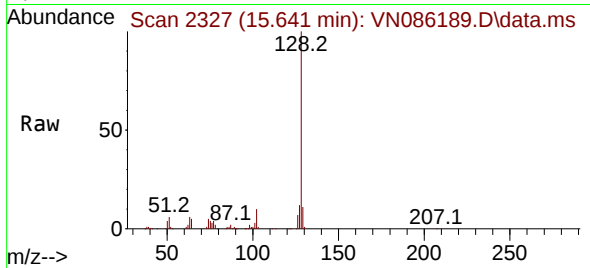
Tgt Ion:225	Resp:	49501
Ion Ratio	Lower	Upper
225	100	
223	63.7	31.3 93.9
227	63.5	32.1 96.3





#95
Naphthalene
Concen: 50.942 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29

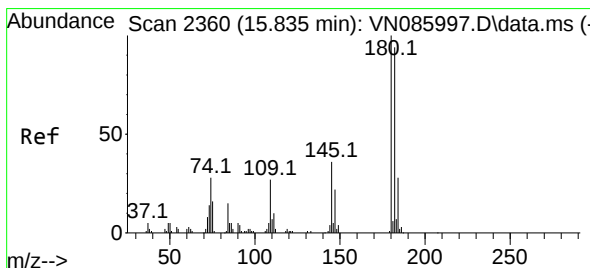
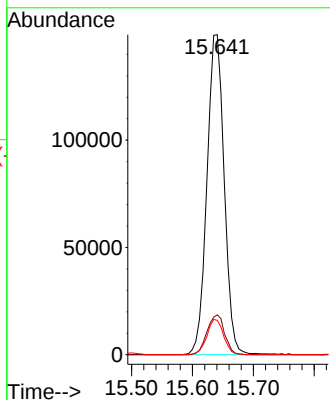
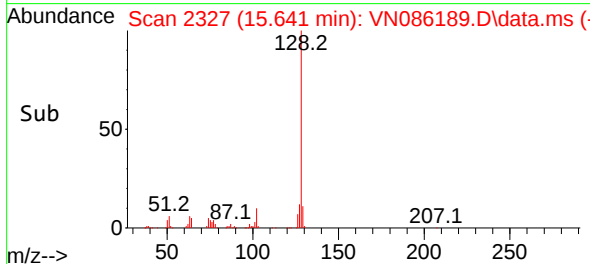
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



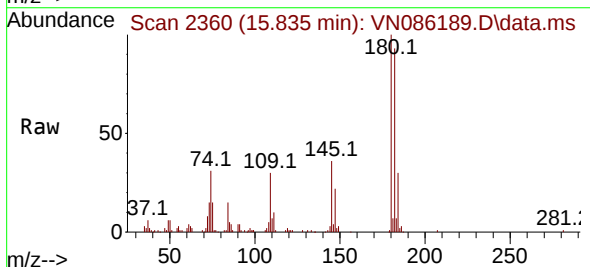
Tgt Ion:128 Resp: 294092
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.302 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086189.D
Acq: 31 Mar 2025 23:29



Tgt Ion:180 Resp: 95161
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 35.1 17.7 53.1

