

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085726.D
 Acq On : 10 Feb 2025 16:12
 Operator : JC\MD
 Sample : VN0210MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 03:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	245199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165041	41.698	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.400%
35) Dibromofluoromethane	8.165	113	135072	46.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.565	98	476734	46.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.847	95	158553	44.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60958	18.361	ug/l	99
3) Chloromethane	2.359	50	60497	16.830	ug/l	98
4) Vinyl Chloride	2.512	62	62328	17.251	ug/l	98
5) Bromomethane	2.959	94	36831	16.876	ug/l	99
6) Chloroethane	3.124	64	39449	17.222	ug/l	100
7) Trichlorofluoromethane	3.500	101	85307	16.272	ug/l	99
8) Diethyl Ether	3.959	74	27571	15.224	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	49310	16.700	ug/l	98
10) Methyl Iodide	4.589	142	60633	17.931	ug/l	95
11) Tert butyl alcohol	5.518	59	36121	79.699	ug/l	99
12) 1,1-Dichloroethene	4.342	96	44822	17.032	ug/l	93
13) Acrolein	4.177	56	56448	91.239	ug/l	98
14) Allyl chloride	5.030	41	58622	13.728	ug/l	94
15) Acrylonitrile	5.718	53	108580	75.425	ug/l	99
16) Acetone	4.430	43	90345	70.644	ug/l	97
17) Carbon Disulfide	4.706	76	130418	16.096	ug/l	98
18) Methyl Acetate	5.018	43	59206	15.225	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	136179	15.937	ug/l	96
20) Methylene Chloride	5.277	84	52440	16.564	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	46668	16.594	ug/l	94
22) Diisopropyl ether	6.671	45	140080	14.780	ug/l	98
23) Vinyl Acetate	6.600	43	489778	73.840	ug/l	95
24) 1,1-Dichloroethane	6.571	63	89793	15.537	ug/l	97
25) 2-Butanone	7.483	43	136601	72.584	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	79387	16.990	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	54448	16.437	ug/l	95
28) Bromochloromethane	7.812	49	53797	20.008	ug/l	90
29) Tetrahydrofuran	7.835	42	89937	75.376	ug/l	91
30) Chloroform	7.965	83	94004	15.738	ug/l	96
31) Cyclohexane	8.259	56	73712	14.675	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	84325	16.095	ug/l	96
36) 1,1-Dichloropropene	8.365	75	62600	15.385	ug/l	99
37) Ethyl Acetate	7.553	43	58868	14.333	ug/l	97
38) Carbon Tetrachloride	8.359	117	75010	16.102	ug/l	94
39) Methylcyclohexane	9.600	83	56676	14.823	ug/l	98
40) Benzene	8.606	78	203787	16.668	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29129	13.632	ug/l #	89
42) 1,2-Dichloroethane	8.665	62	69266	15.043	ug/l	97
43) Isopropyl Acetate	8.682	43	104717	15.912	ug/l	99
44) Trichloroethene	9.353	130	47458	16.676	ug/l	95
45) 1,2-Dichloropropane	9.618	63	48974	15.682	ug/l	99
46) Dibromomethane	9.706	93	35198	15.620	ug/l	94
47) Bromodichloromethane	9.882	83	73875	16.092	ug/l	91
48) Methyl methacrylate	9.682	41	41447	13.995	ug/l	90
49) 1,4-Dioxane	9.688	88	16057	321.962	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	286321	74.976	ug/l	95
52) Toluene	10.629	92	123708	17.463	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	68993	15.903	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	76547	16.518	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	48155	17.177	ug/l	96
56) Ethyl methacrylate	10.871	69	62531	14.661	ug/l	93
57) 1,3-Dichloropropane	11.159	76	78418	16.087	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	174775	98.240	ug/l	98
59) 2-Hexanone	11.194	43	203671	75.797	ug/l	94
60) Dibromochloromethane	11.359	129	54257	16.031	ug/l	99
61) 1,2-Dibromoethane	11.465	107	46853	16.790	ug/l	98
64) Tetrachloroethene	11.100	164	43635	17.844	ug/l	98
65) Chlorobenzene	11.888	112	133175	16.948	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48218	16.719	ug/l	97
67) Ethyl Benzene	11.959	91	208275	16.273	ug/l	97
68) m/p-Xylenes	12.070	106	165444	34.977	ug/l	97
69) o-Xylene	12.394	106	76577	16.940	ug/l	96
70) Styrene	12.406	104	129062	17.252	ug/l	99
71) Bromoform	12.576	173	36792	17.830	ug/l #	100
73) Isopropylbenzene	12.694	105	188886	16.616	ug/l	98
74) N-amyl acetate	12.488	43	74617	14.604	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	66966	16.677	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	62193m	18.167	ug/l	
77) Bromobenzene	12.976	156	49684	16.729	ug/l	95
78) n-propylbenzene	13.035	91	223440	16.604	ug/l	100
79) 2-Chlorotoluene	13.123	91	142610	16.374	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	159522	16.989	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21534m	17.019	ug/l	
82) 4-Chlorotoluene	13.217	91	144064	16.613	ug/l	99
83) tert-Butylbenzene	13.435	119	127271	16.141	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	156730	16.748	ug/l	98
85) sec-Butylbenzene	13.612	105	178962	16.376	ug/l	98
86) p-Isopropyltoluene	13.729	119	143950	15.979	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89224	16.313	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	90928	16.039	ug/l	97
89) n-Butylbenzene	14.053	91	112877	14.397	ug/l	99
90) Hexachloroethane	14.329	117	31326	15.057	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	86762	15.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12275	16.741	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	35794	14.117	ug/l	99
94) Hexachlorobutadiene	15.494	225	20531	15.251	ug/l	99
95) Naphthalene	15.635	128	101875	13.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36802	14.344	ug/l	99

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VN0210MBSD01

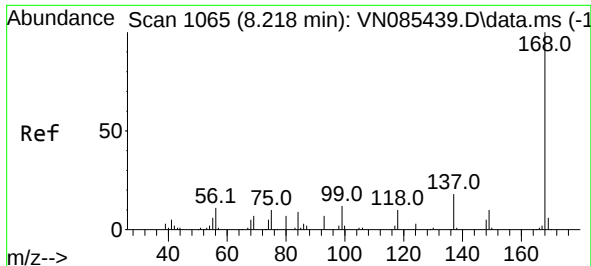
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/11/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

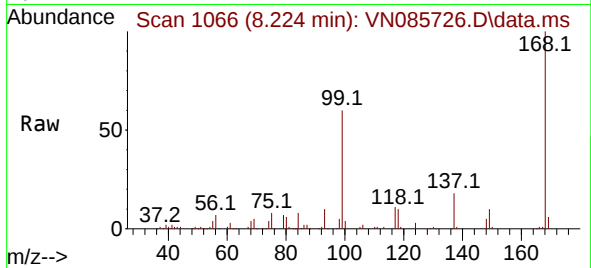
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

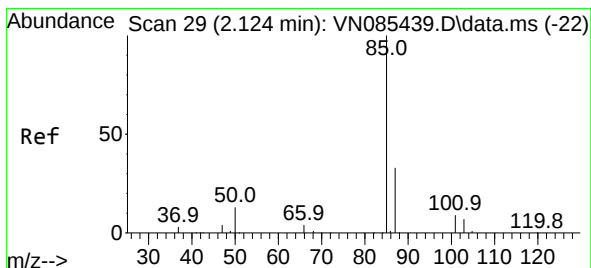
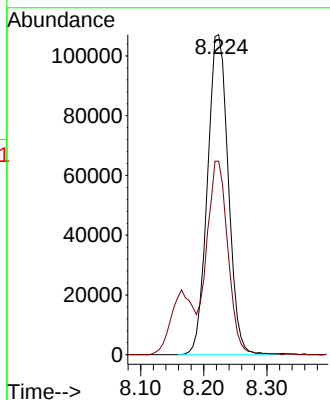
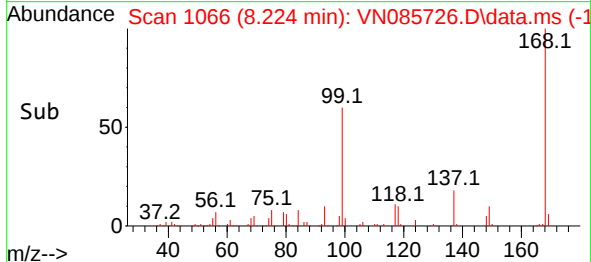
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01



Tgt Ion:168 Resp: 245199
Ion Ratio Lower Upper
168 100
99 60.2 53.6 80.4

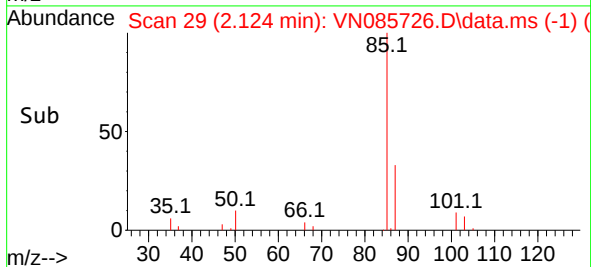
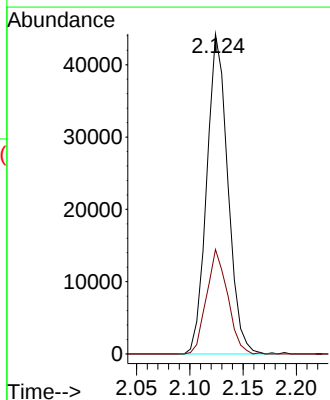
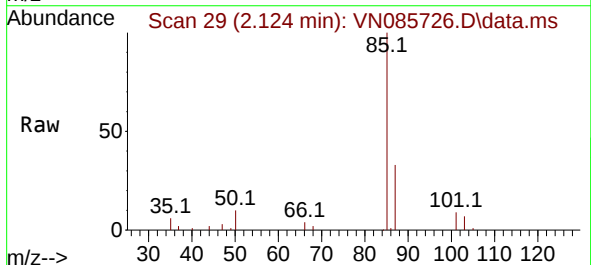
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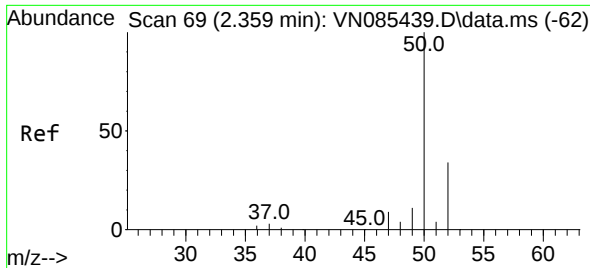
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#2
Dichlorodifluoromethane
Concen: 18.361 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion: 85 Resp: 60958
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





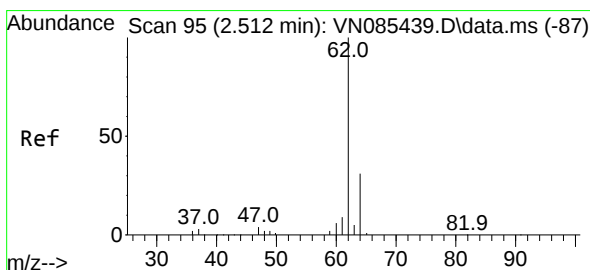
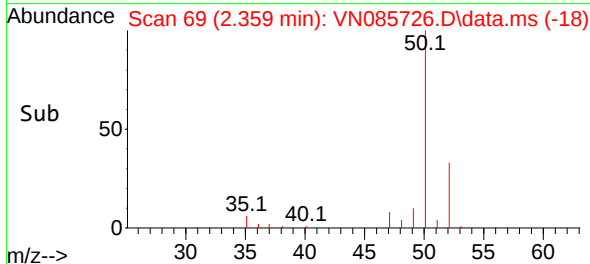
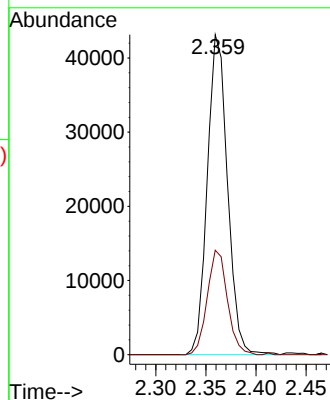
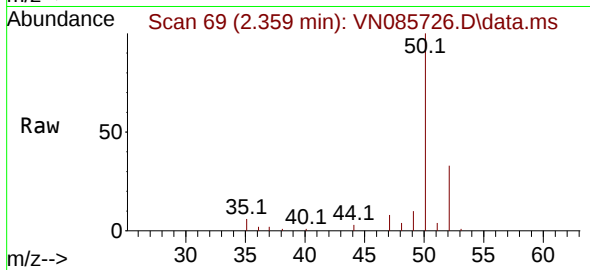
#3
Chloromethane
Concen: 16.830 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
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ClientSampleId :
VN0210MBSD01

Tgt Ion: 50 Resp: 6049
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.6

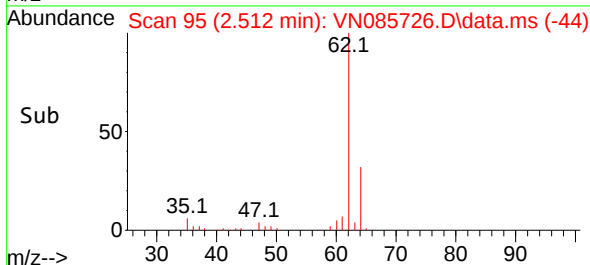
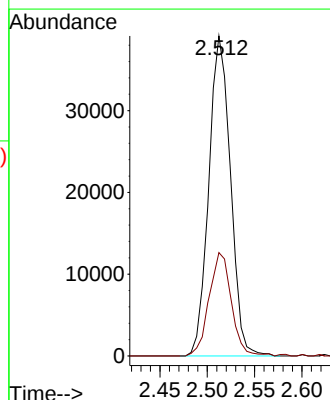
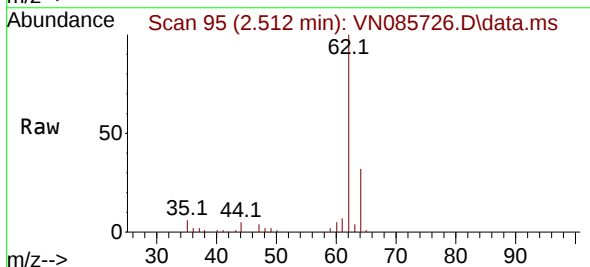
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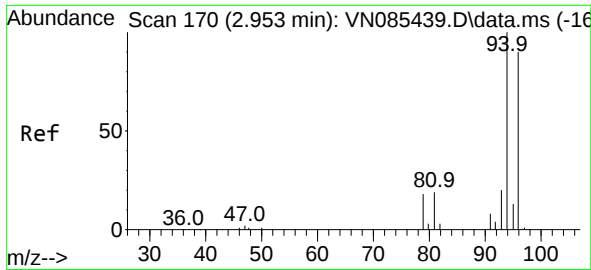
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Vinyl Chloride
Concen: 17.251 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

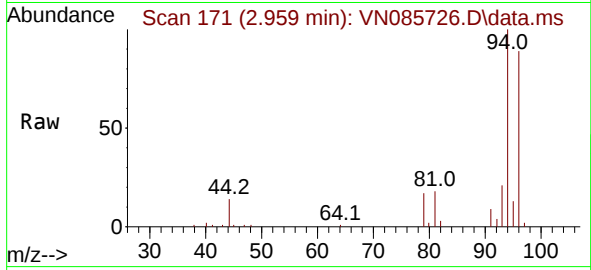
Tgt Ion: 62 Resp: 62328
Ion Ratio Lower Upper
62 100
64 32.3 24.8 37.2





#5
Bromomethane
Concen: 16.876 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

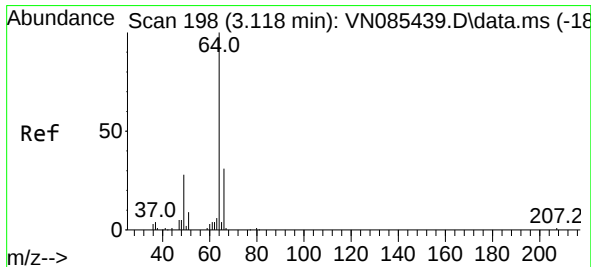
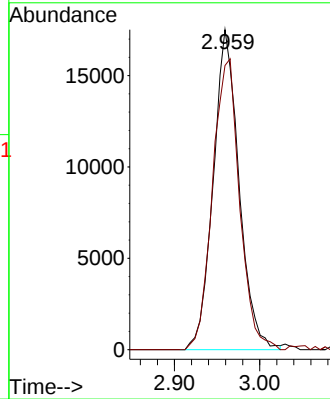
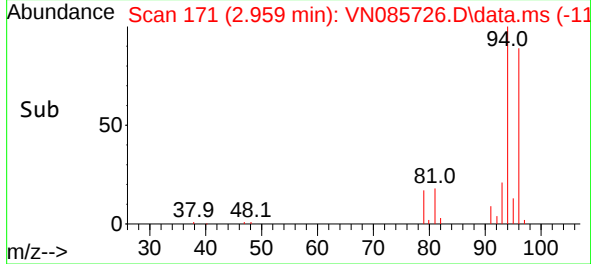
Instrument :
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Tgt Ion: 94 Resp: 3683
Ion Ratio Lower Upper
94 100
96 88.8 71.8 107.6

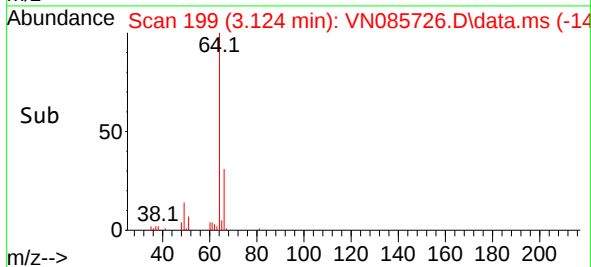
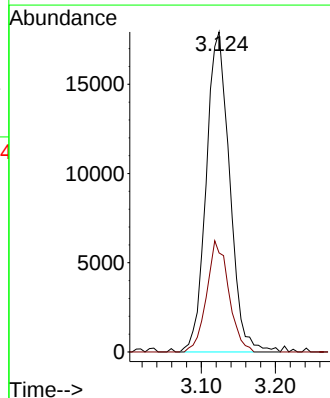
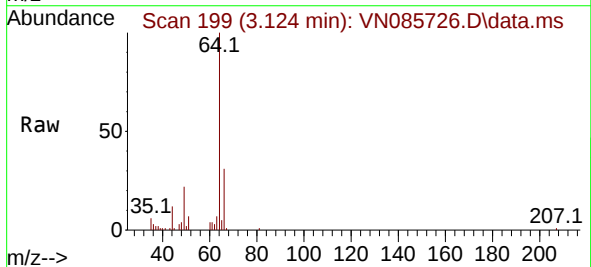
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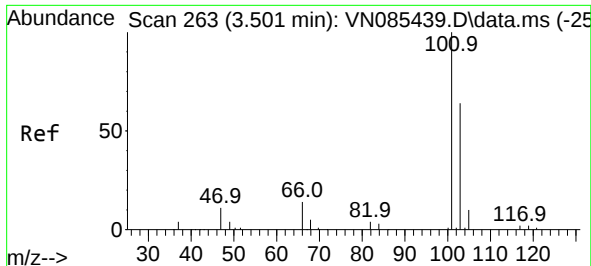
Reviewed By :John Carlone 02/11/2025
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#6
Chloroethane
Concen: 17.222 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

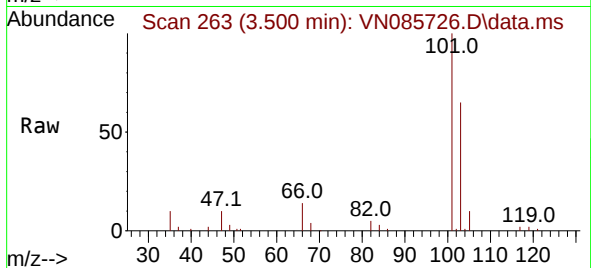
Tgt Ion: 64 Resp: 39449
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 16.272 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

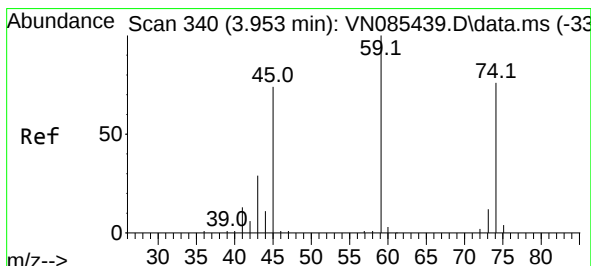
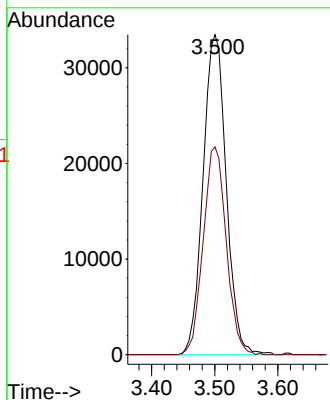
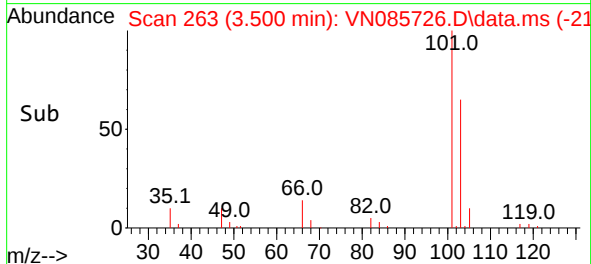
Instrument :
MSVOA_N
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VN0210MBS01



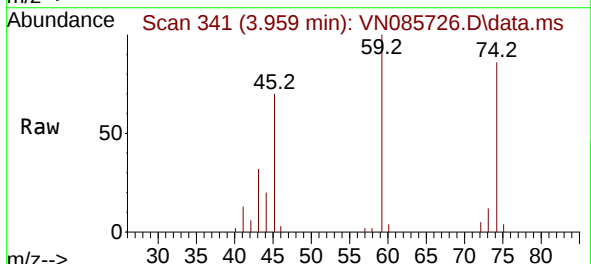
Tgt Ion:101 Resp: 8530
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

Manual Integrations
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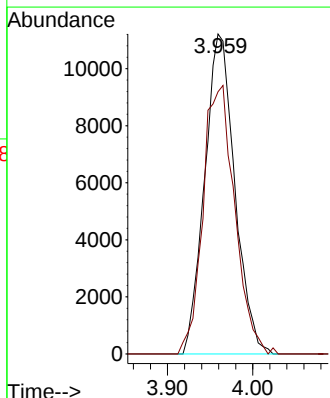
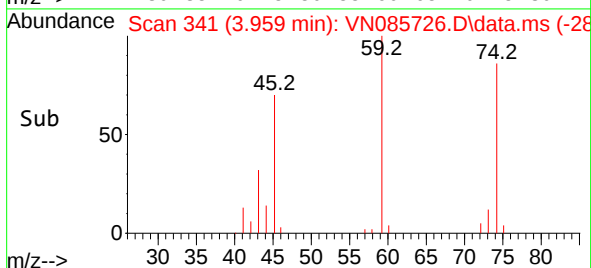
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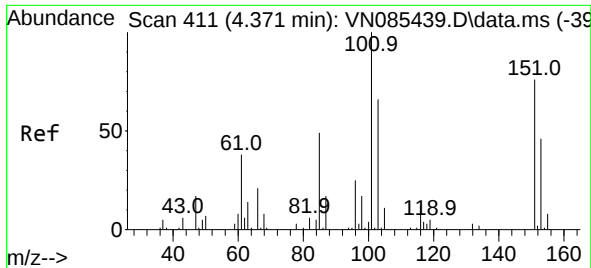


#8
Diethyl Ether
Concen: 15.224 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



Tgt Ion: 74 Resp: 27571
Ion Ratio Lower Upper
74 100
45 88.3 49.7 149.1





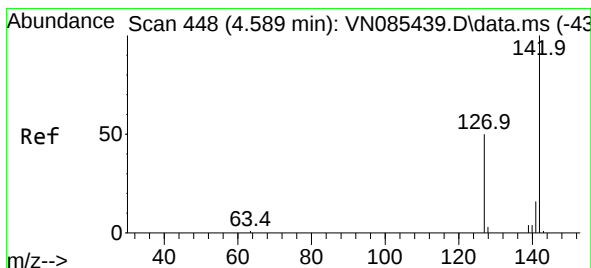
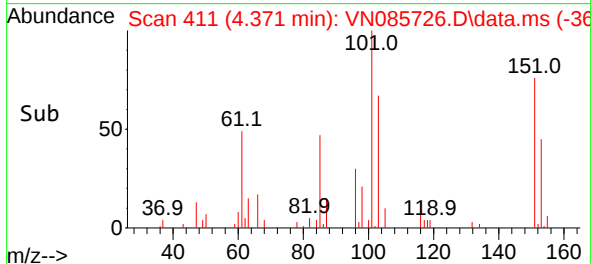
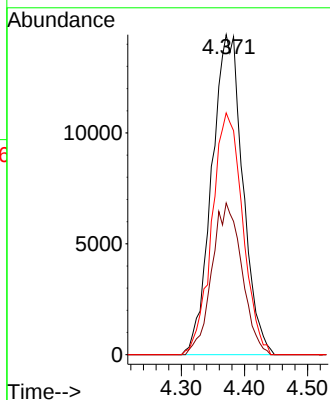
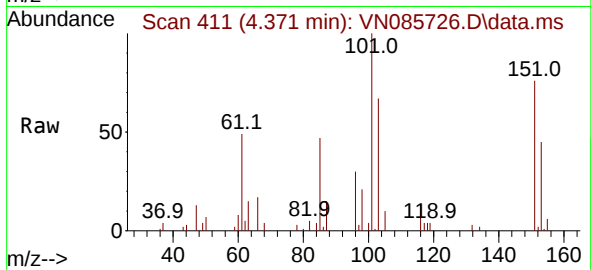
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.700 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01

Tgt Ion:101 Resp: 49310
Ion Ratio Lower Upper
101 100
85 45.8 37.8 56.8
151 74.7 58.8 88.2

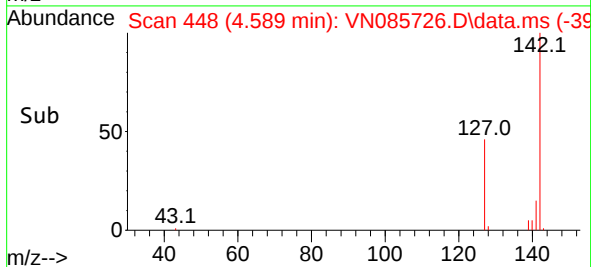
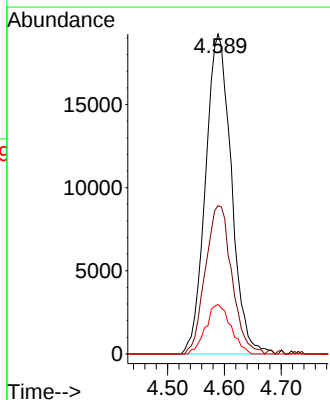
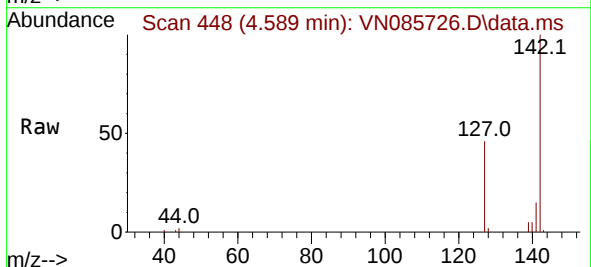
Manual Integrations
APPROVED

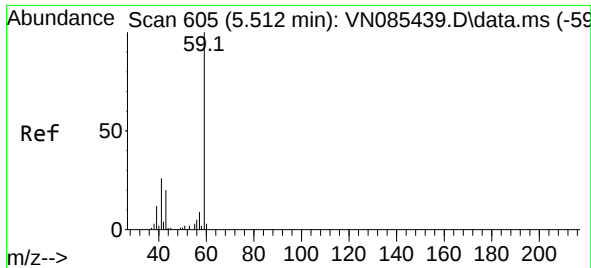
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 17.931 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

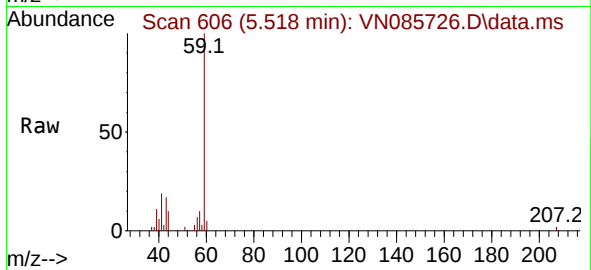
Tgt Ion:142 Resp: 60633
Ion Ratio Lower Upper
142 100
127 46.3 40.3 60.5
141 15.5 12.8 19.2





#11
Tert butyl alcohol
Concen: 79.699 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

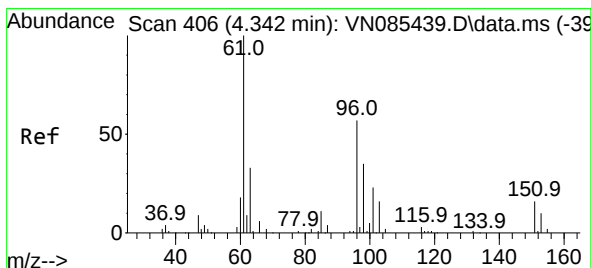
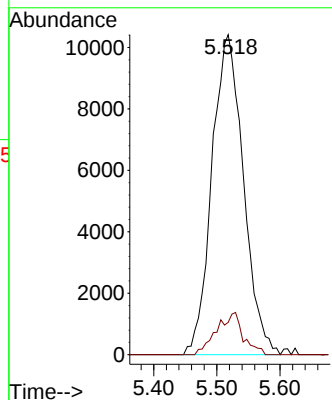
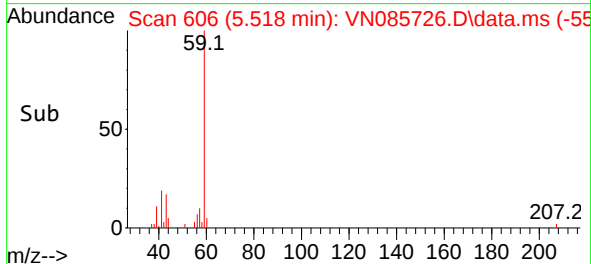
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



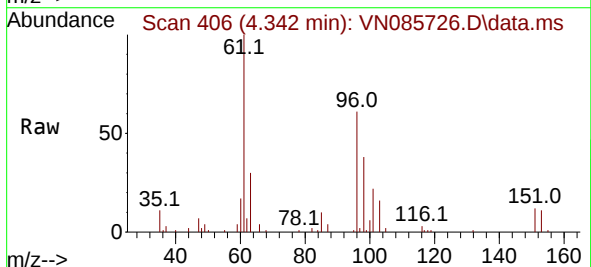
Tgt Ion: 59 Resp: 3612
Ion Ratio Lower Upper
59 100
57 11.1 8.6 13.0

Manual Integrations
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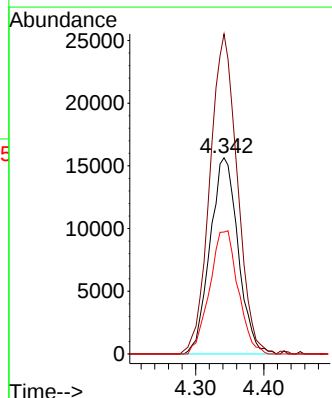
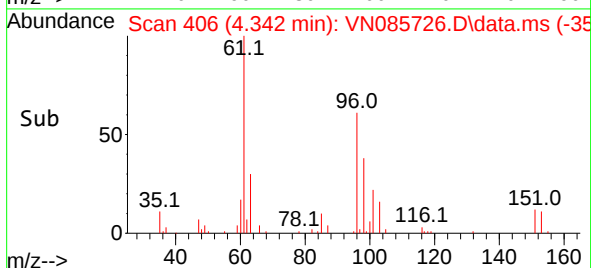
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#12
1,1-Dichloroethene
Concen: 17.032 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



Tgt Ion: 96 Resp: 44822
Ion Ratio Lower Upper
96 100
61 163.2 141.0 211.4
98 62.2 49.0 73.6





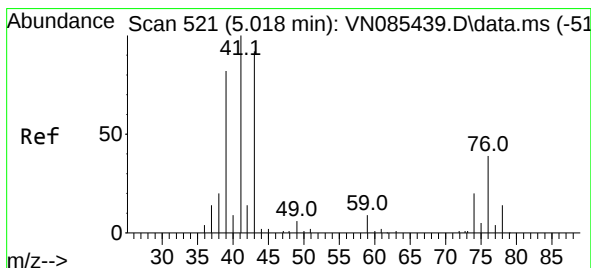
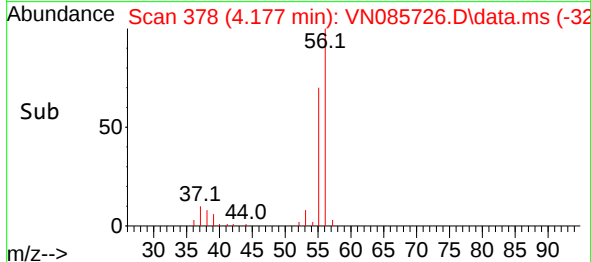
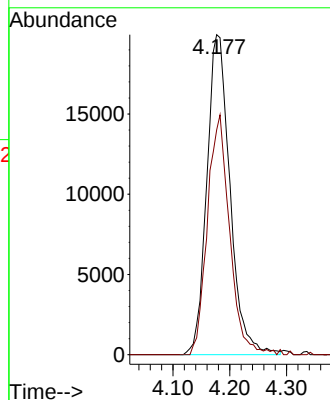
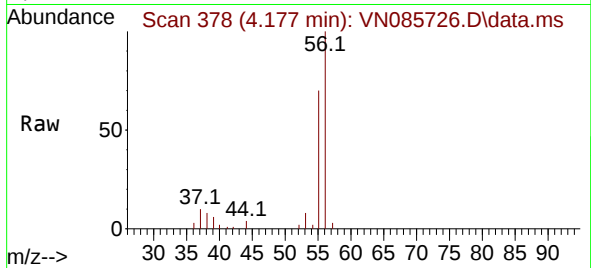
#13
Acrolein
Concen: 91.239 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01

Tgt Ion: 56 Resp: 56448
Ion Ratio Lower Upper
56 100
55 72.0 56.3 84.5

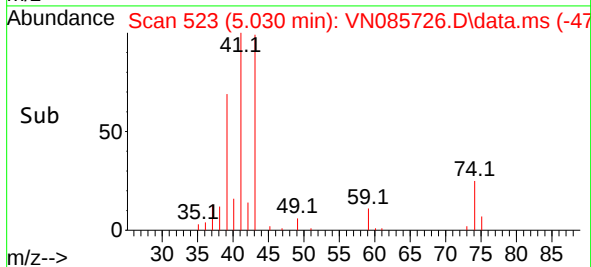
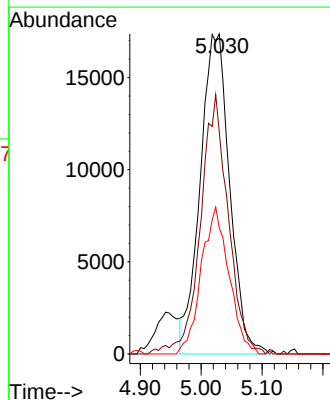
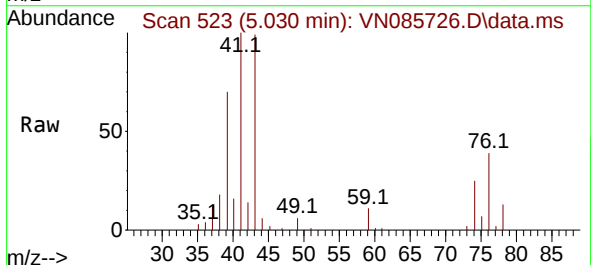
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 13.728 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

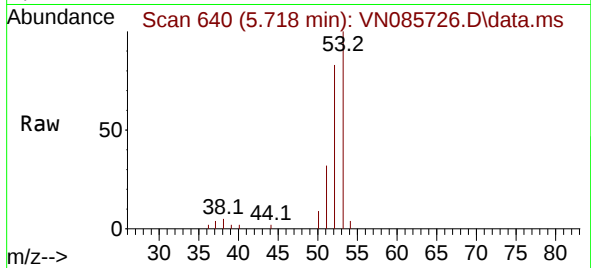
Tgt Ion: 41 Resp: 58622
Ion Ratio Lower Upper
41 100
39 75.9 64.4 96.6
76 42.8 30.5 45.7





#15
Acrylonitrile
Concen: 75.425 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

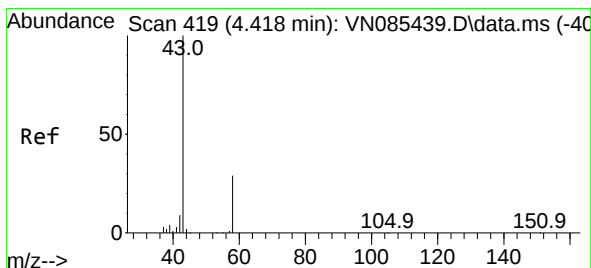
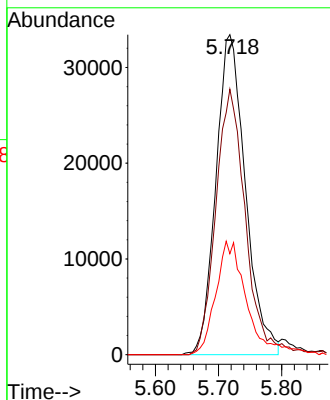
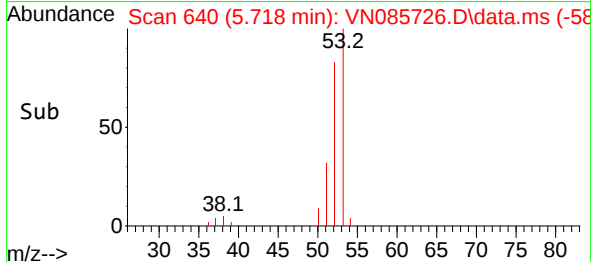
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 53 Resp: 108580
Ion Ratio Lower Upper
53 100
52 83.3 65.5 98.3
51 37.4 29.8 44.8

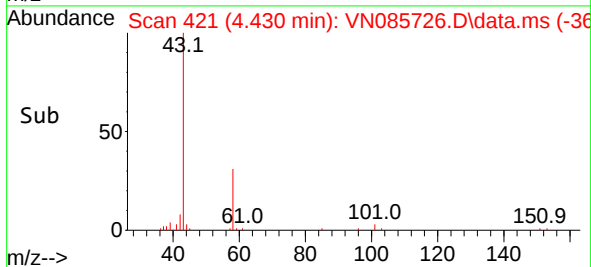
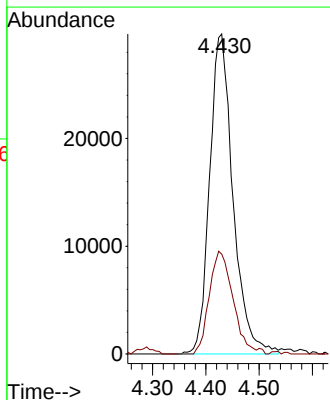
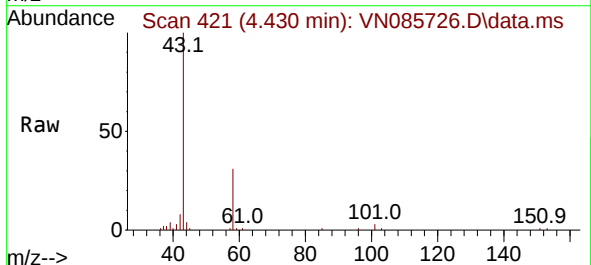
Manual Integrations
APPROVED

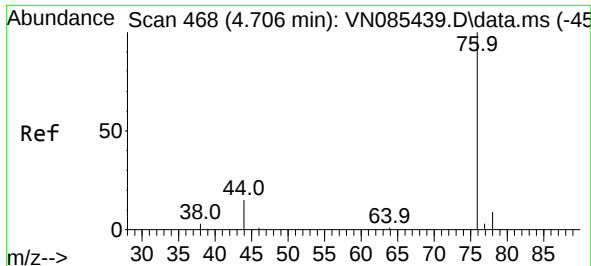
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
Acetone
Concen: 70.644 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

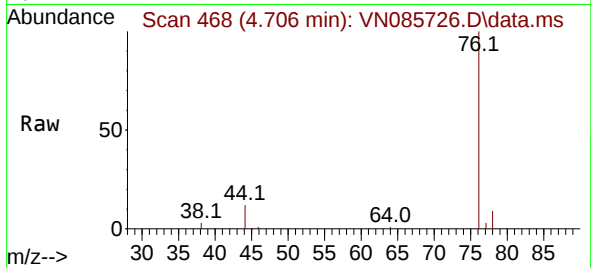
Tgt Ion: 43 Resp: 90345
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.6





#17
Carbon Disulfide
Concen: 16.096 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

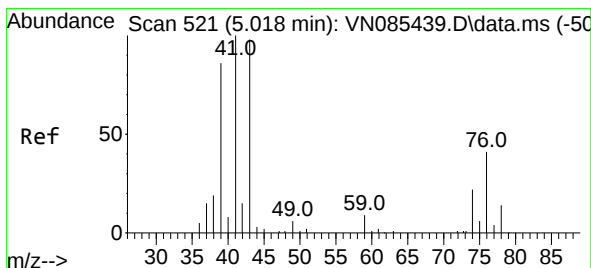
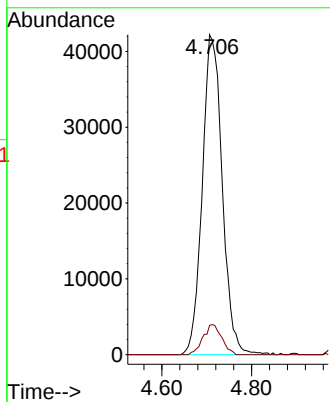
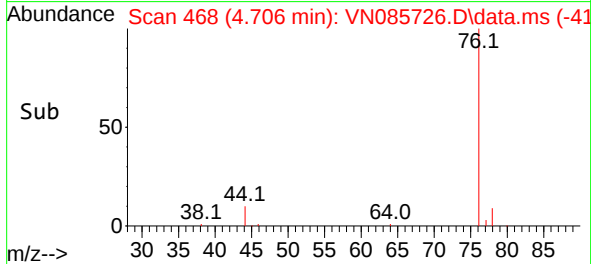
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



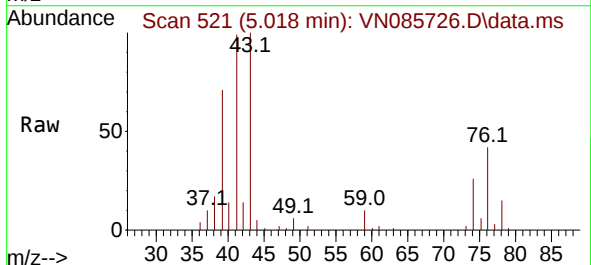
Tgt Ion: 76 Resp: 130418
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

Manual Integrations
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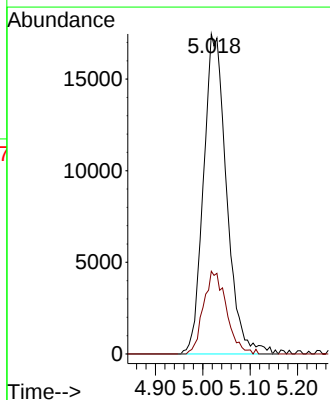
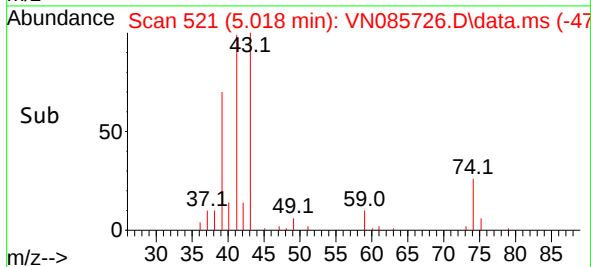
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

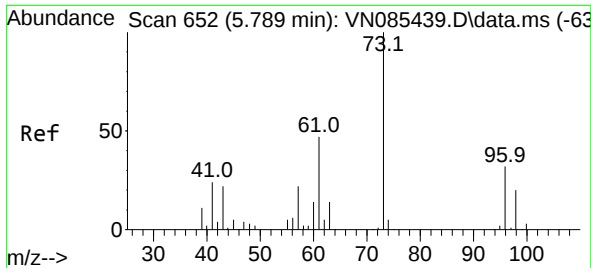


#18
Methyl Acetate
Concen: 15.225 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



Tgt Ion: 43 Resp: 59206
Ion Ratio Lower Upper
43 100
74 25.6 18.6 28.0





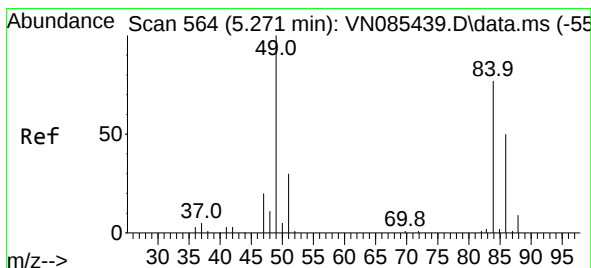
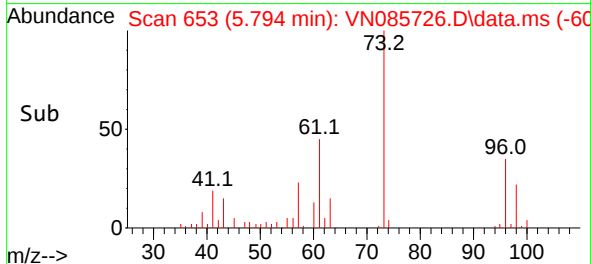
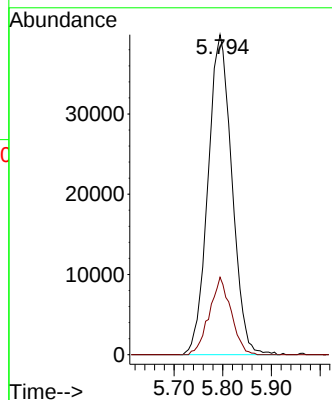
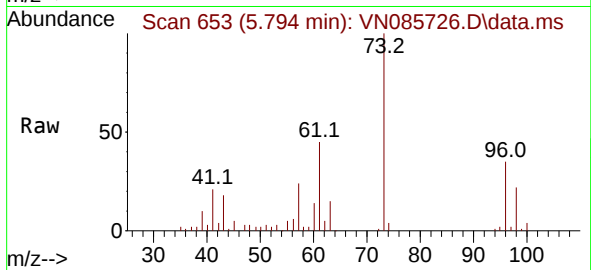
#19
Methyl tert-butyl Ether
Concen: 15.937 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01

Tgt Ion: 73 Resp: 136179
Ion Ratio Lower Upper
73 100
57 24.2 17.8 26.8

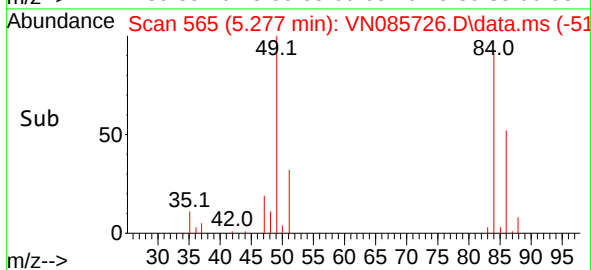
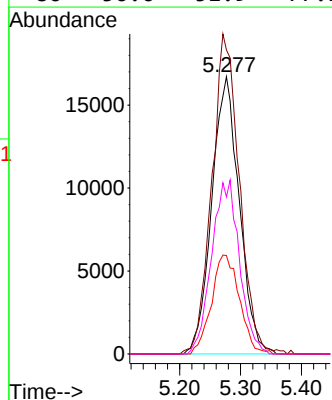
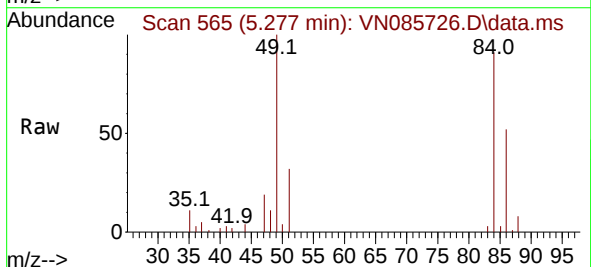
Manual Integrations
APPROVED

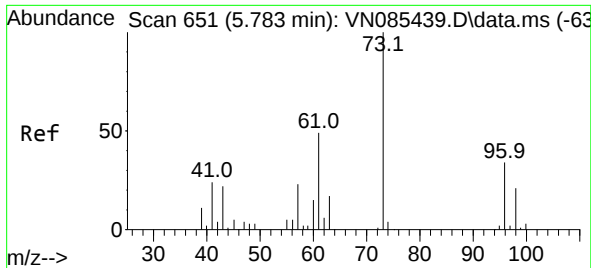
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 16.564 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

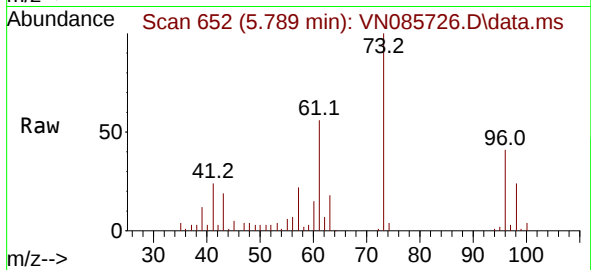
Tgt Ion: 84 Resp: 52440
Ion Ratio Lower Upper
84 100
49 109.7 104.1 156.1
51 35.5 31.0 46.4
86 56.6 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 16.594 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

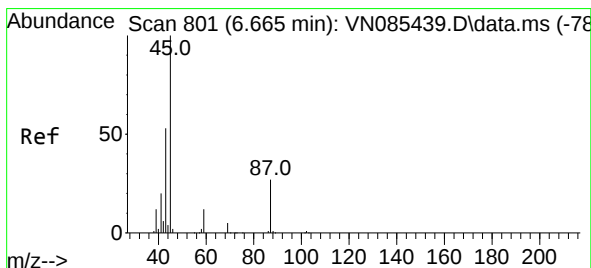
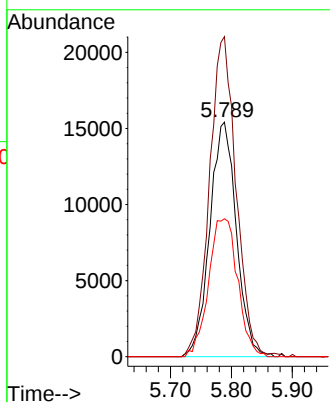
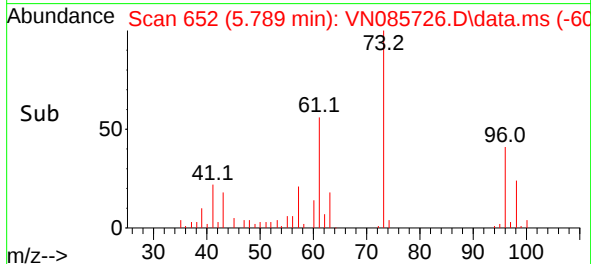
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01



Tgt Ion: 96 Resp: 4666
Ion Ratio Lower Upper
96 100
61 136.4 115.7 173.5
98 58.8 49.8 74.8

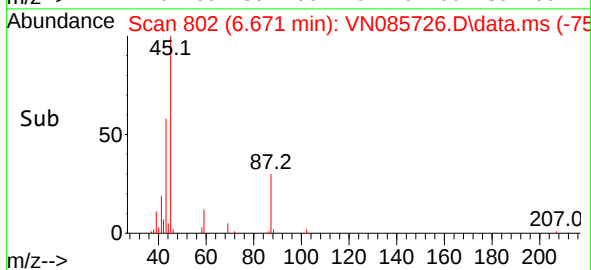
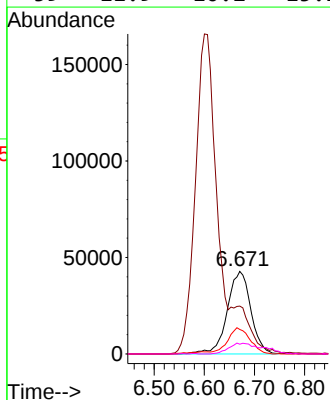
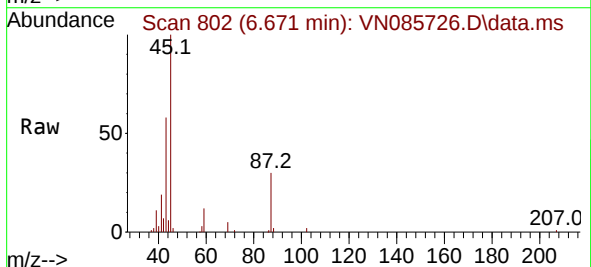
Manual Integrations
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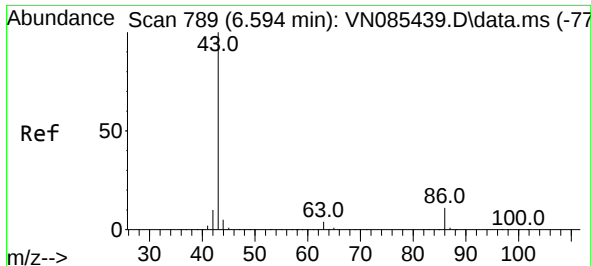
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#22
Diisopropyl ether
Concen: 14.780 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion: 45 Resp: 140080
Ion Ratio Lower Upper
45 100
43 55.3 45.0 67.6
87 29.3 21.8 32.8
59 11.9 10.2 15.2





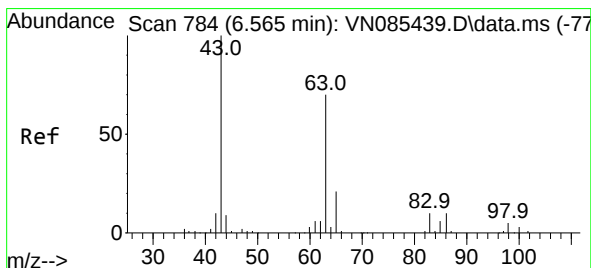
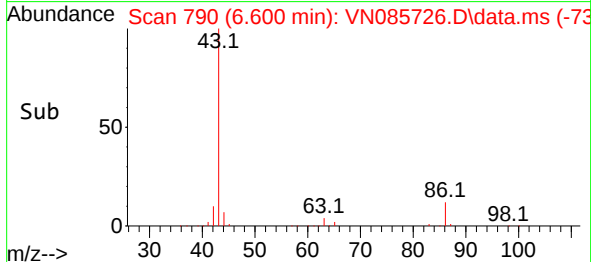
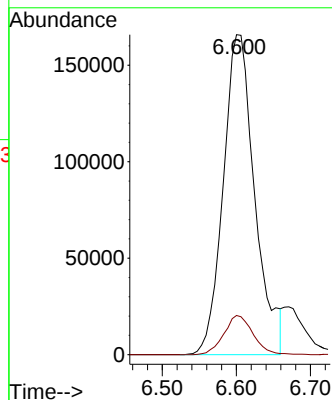
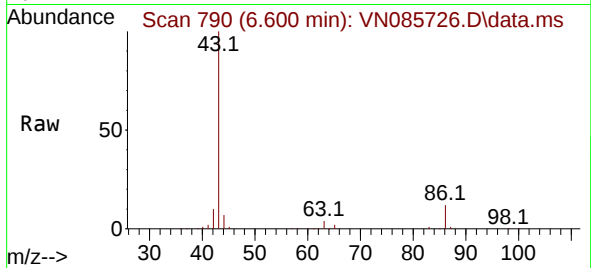
#23
 Vinyl Acetate
 Concen: 73.840 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBSD01

Tgt Ion: 43 Resp: 489778
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.4 12.6

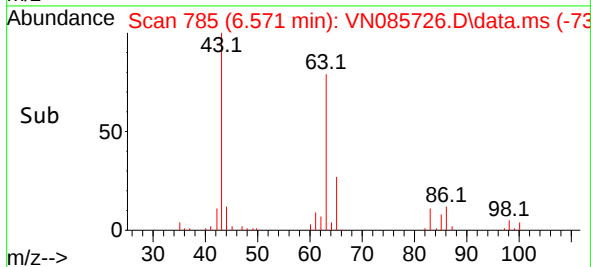
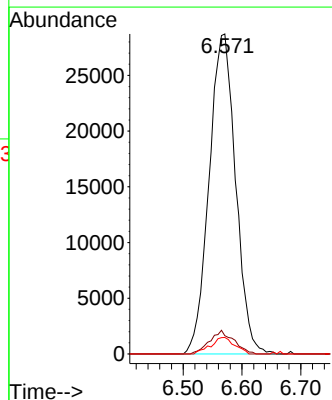
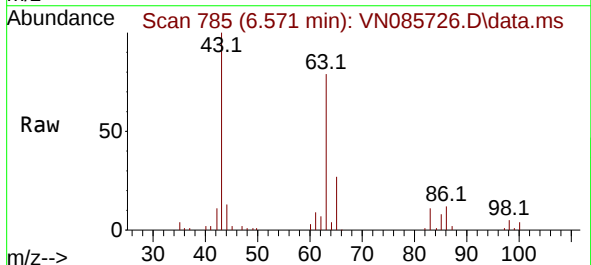
Manual Integrations
 APPROVED

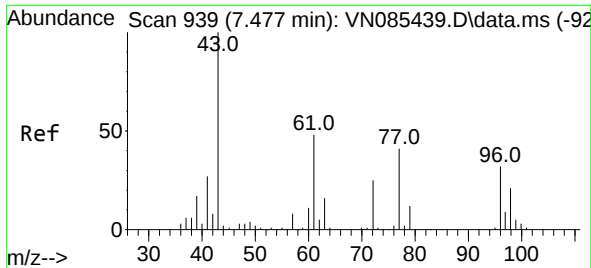
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 15.537 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12

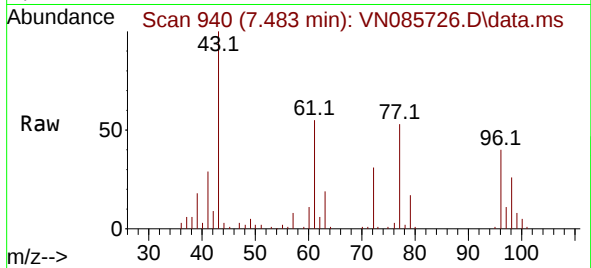
Tgt Ion: 63 Resp: 89793
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.8
 100 5.1 2.0 6.0





#25
2-Butanone
Concen: 72.584 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

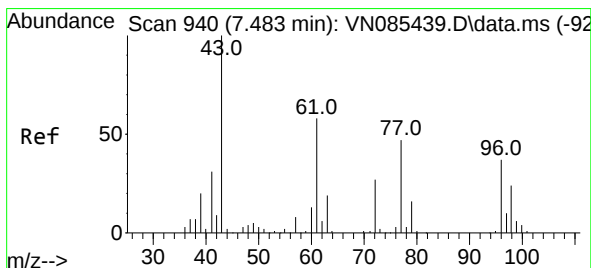
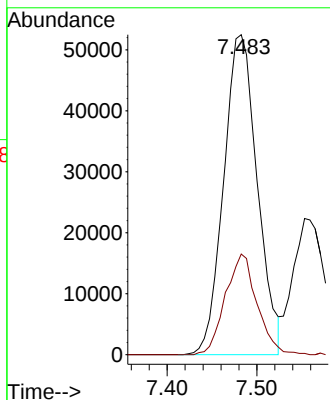
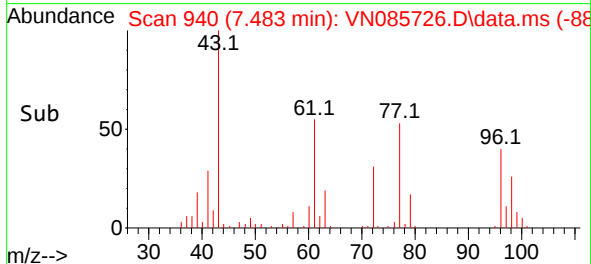
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



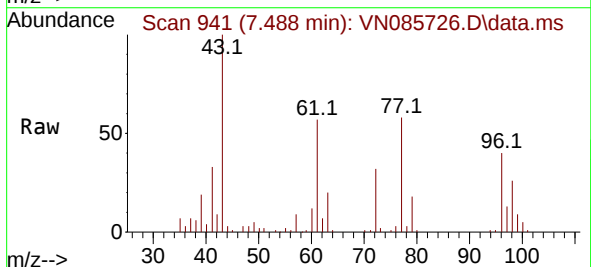
Tgt Ion: 43 Resp: 13660
Ion Ratio Lower Upper
43 100
72 31.4 20.2 30.4

Manual Integrations
APPROVED

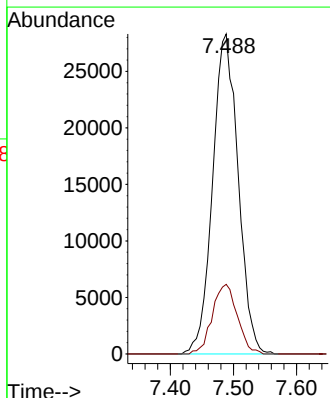
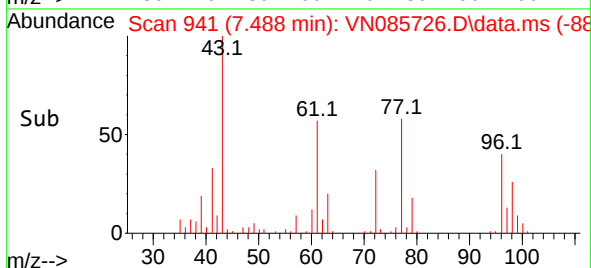
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

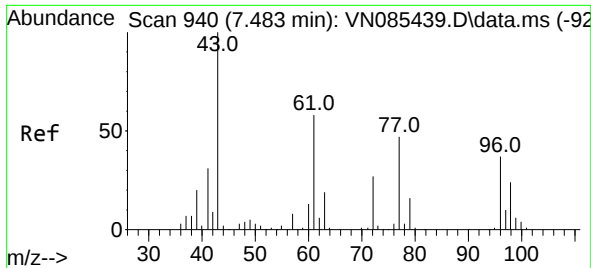


#26
2,2-Dichloropropane
Concen: 16.990 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



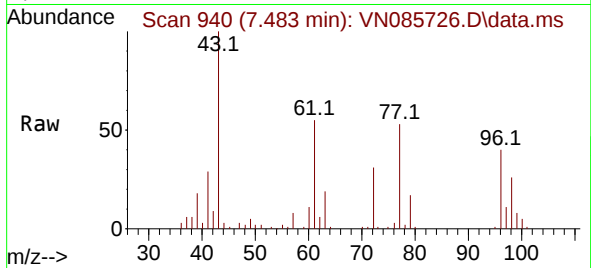
Tgt Ion: 77 Resp: 79387
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 16.437 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12

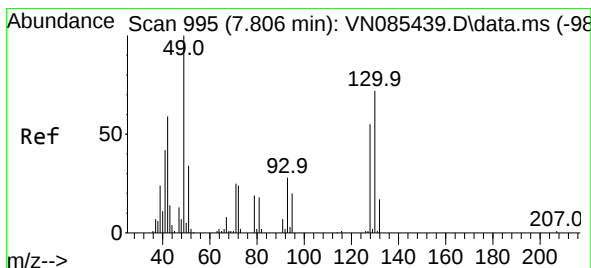
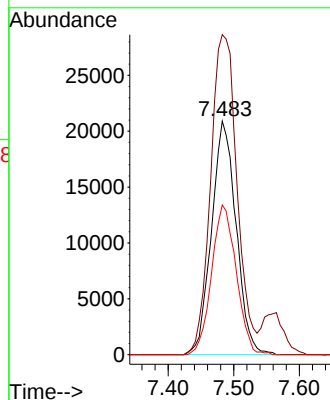
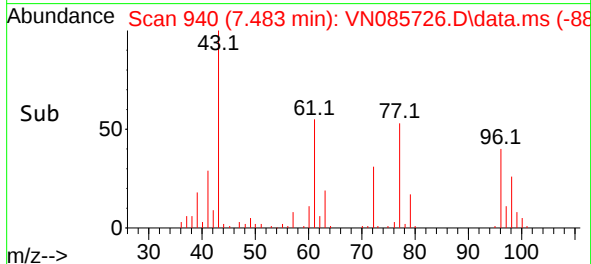
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBSD01



Tgt Ion: 96 Resp: 5444
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 311.8
 98 64.2 0.0 126.0

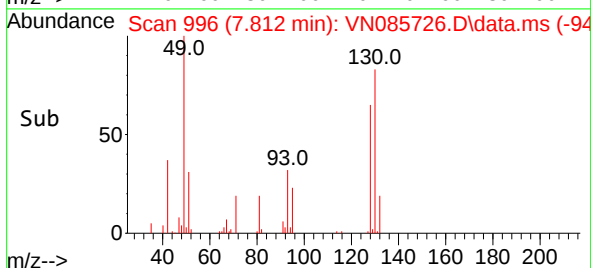
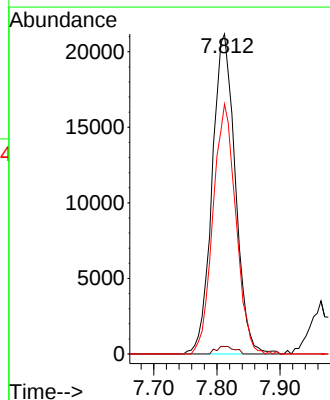
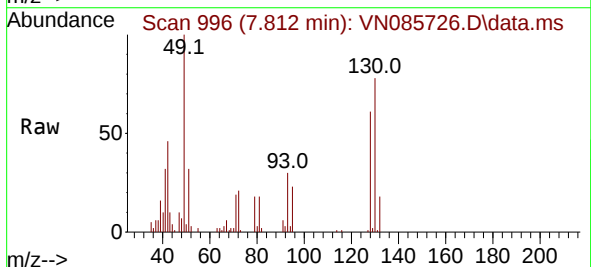
Manual Integrations
 APPROVED

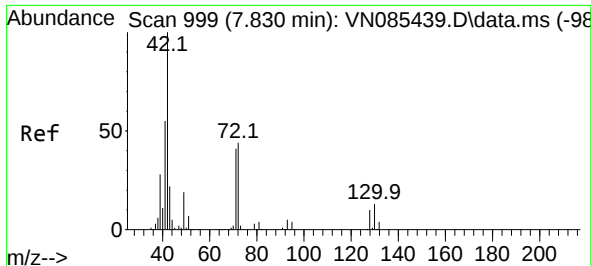
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#28
 Bromochloromethane
 Concen: 20.008 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12

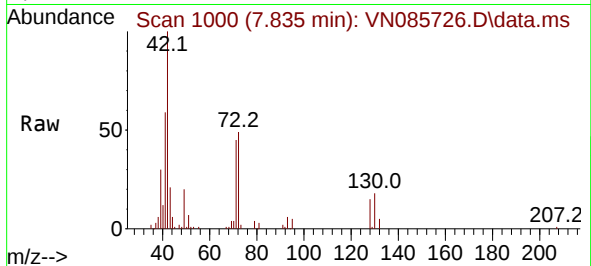
Tgt Ion: 49 Resp: 53797
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 77.1 55.0 82.4





#29
Tetrahydrofuran
Concen: 75.376 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

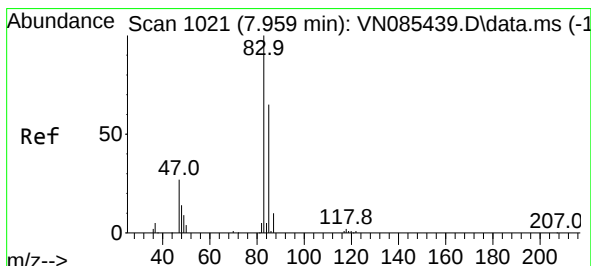
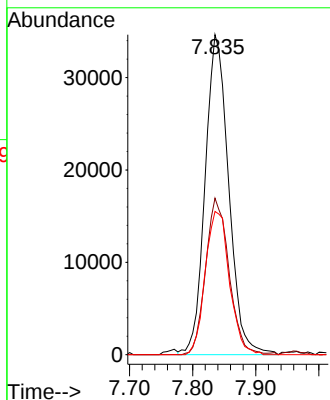
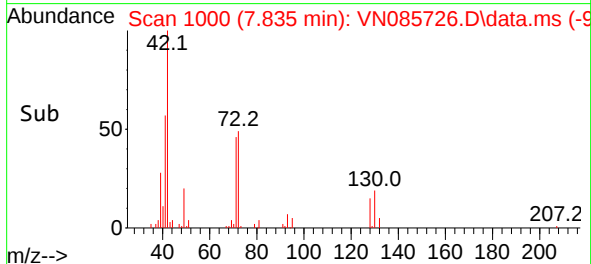
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 42 Resp: 8993
Ion Ratio Lower Upper
42 100
72 48.6 34.2 51.2
71 45.9 32.5 48.7

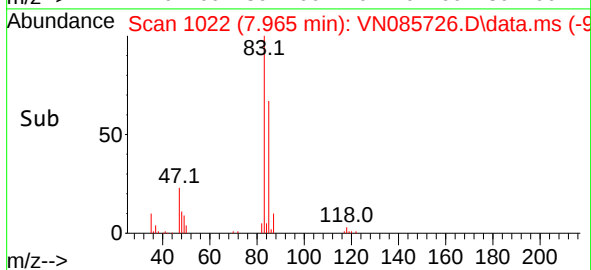
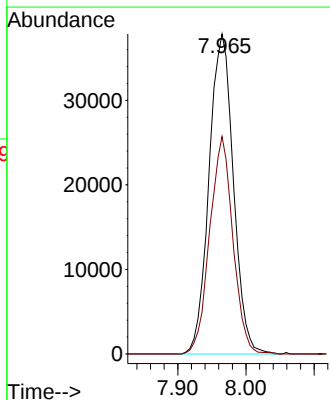
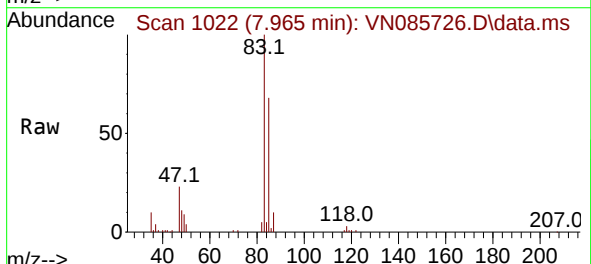
Manual Integrations
APPROVED

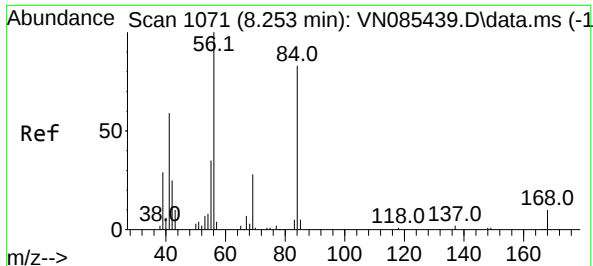
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#30
Chloroform
Concen: 15.738 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion: 83 Resp: 94004
Ion Ratio Lower Upper
83 100
85 67.9 51.8 77.6





#31

Cyclohexane

Concen: 14.675 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 56 Resp: 7371

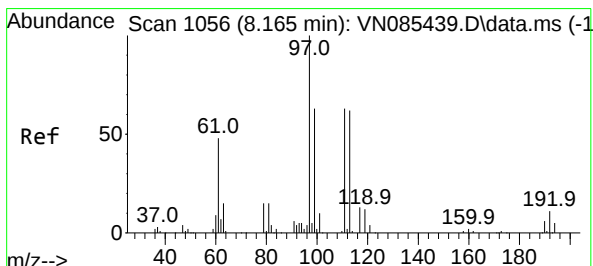
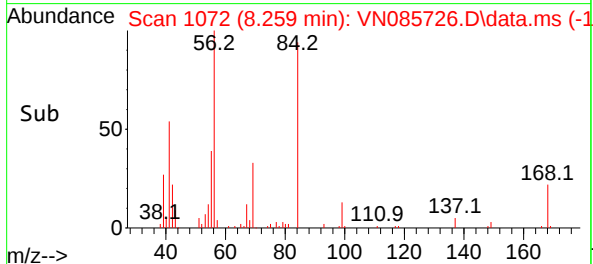
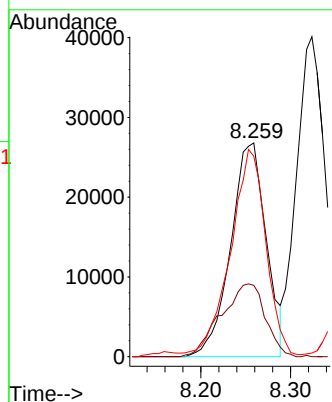
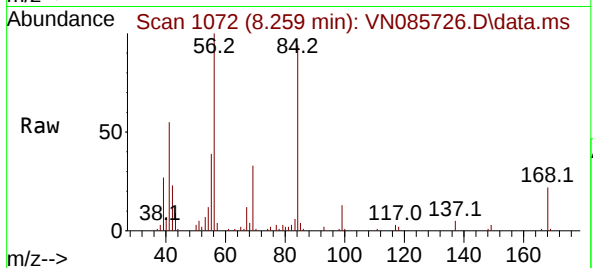
Ion	Ratio	Lower	Upper
56	100		
69	33.4	22.2	33.4
84	92.1	66.4	99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#32

1,1,1-Trichloroethane

Concen: 16.095 ug/l

RT: 8.165 min Scan# 1056

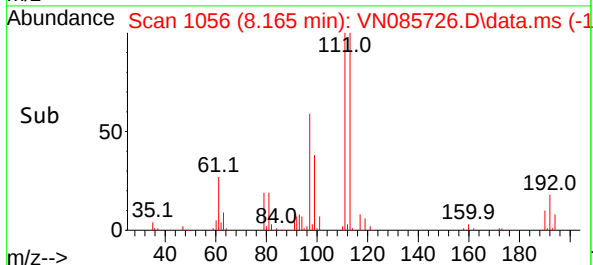
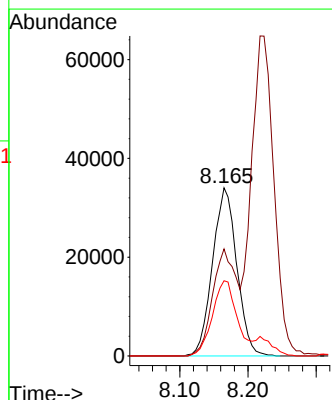
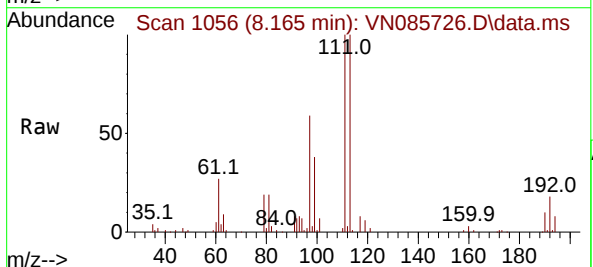
Delta R.T. -0.000 min

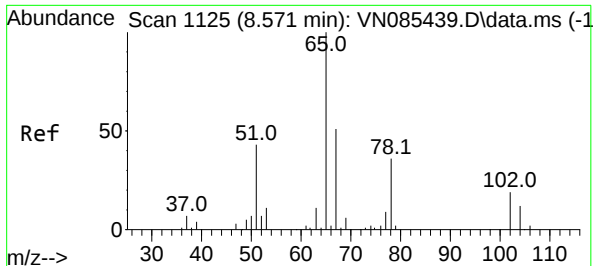
Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Tgt Ion: 97 Resp: 84325

Ion	Ratio	Lower	Upper
97	100		
99	62.5	49.8	74.6
61	45.8	41.4	62.2





#33

1,2-Dichloroethane-d4

Concen: 41.698 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 65 Resp: 16504

Ion Ratio Lower Upper

65 100

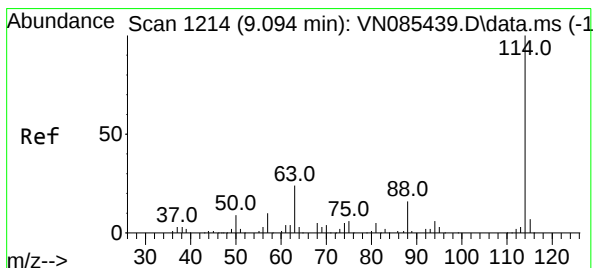
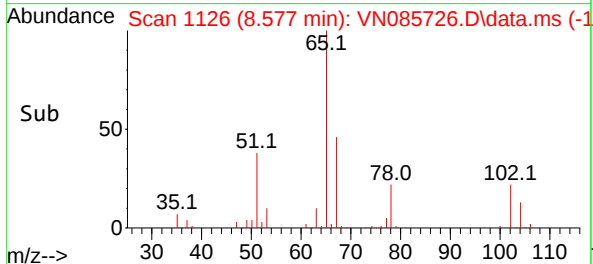
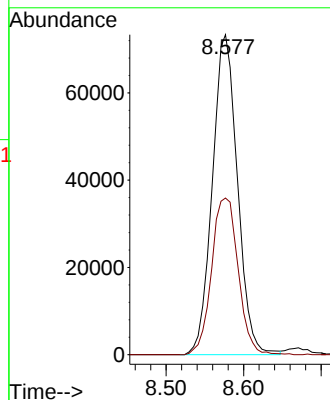
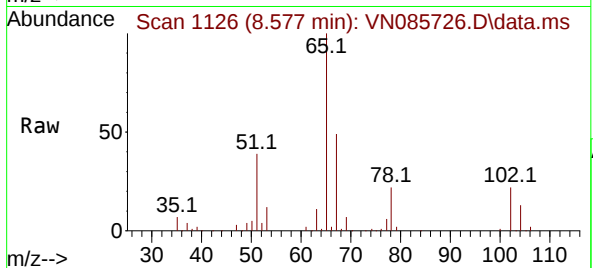
67 51.8 0.0 101.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

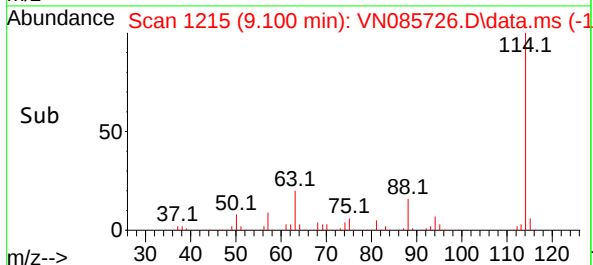
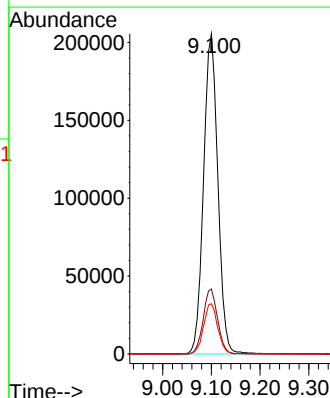
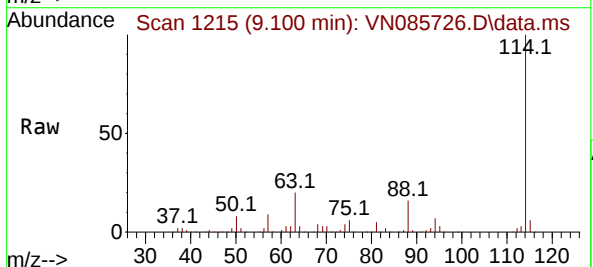
Tgt Ion:114 Resp: 417902

Ion Ratio Lower Upper

114 100

63 20.3 0.0 47.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.589 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210MBSD01

Tgt Ion:113 Resp: 135072

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

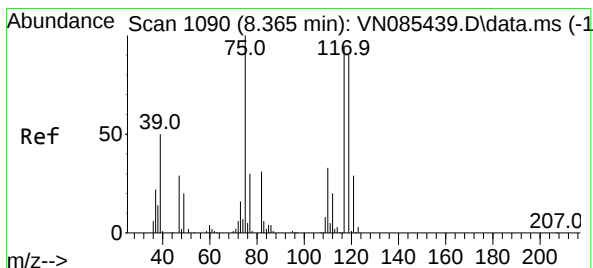
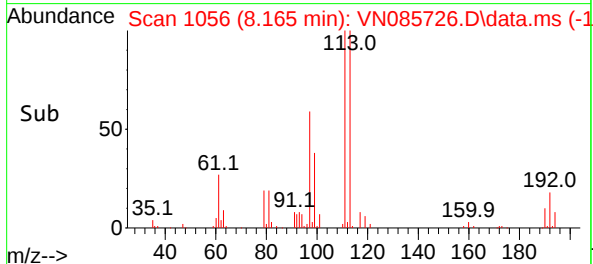
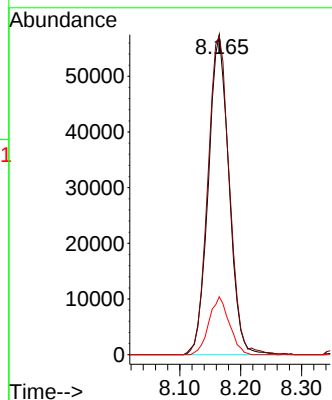
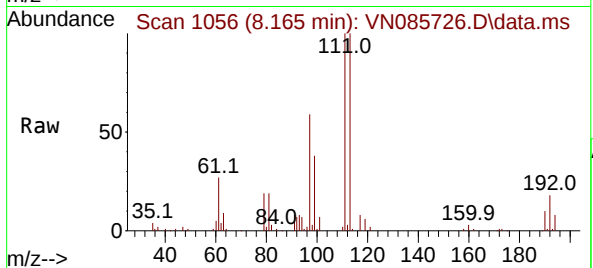
192 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#36

1,1-Dichloropropene

Concen: 15.385 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

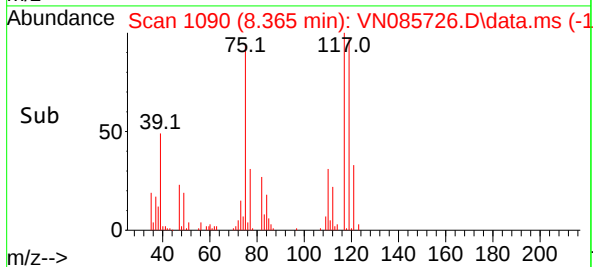
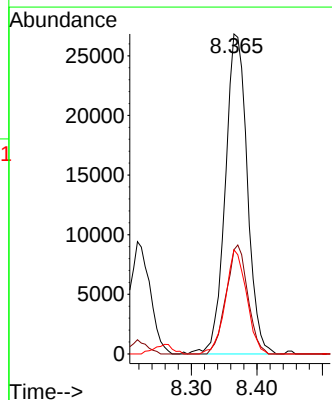
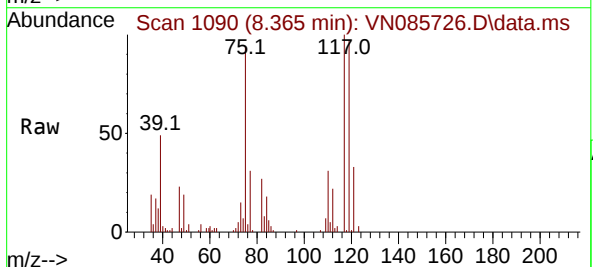
Tgt Ion: 75 Resp: 62600

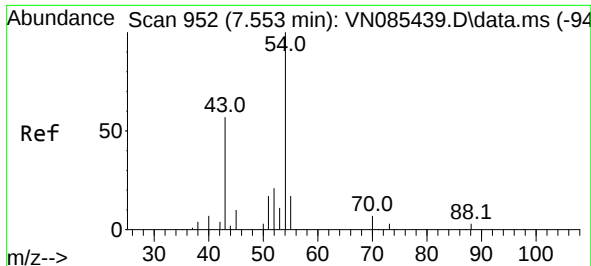
Ion Ratio Lower Upper

75 100

110 33.4 16.5 49.5

77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 14.333 ug/l

RT: 7.553 min Scan# 952

Delta R.T. -0.000 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

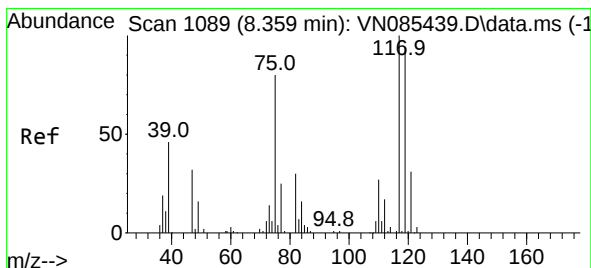
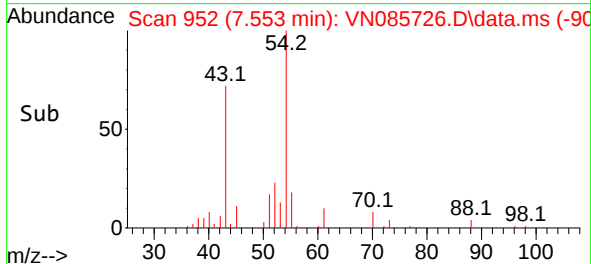
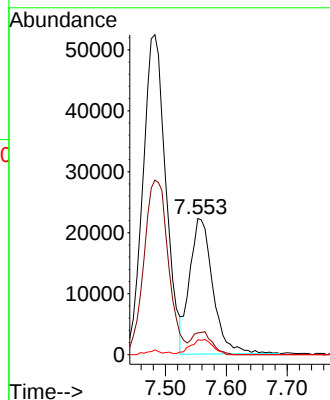
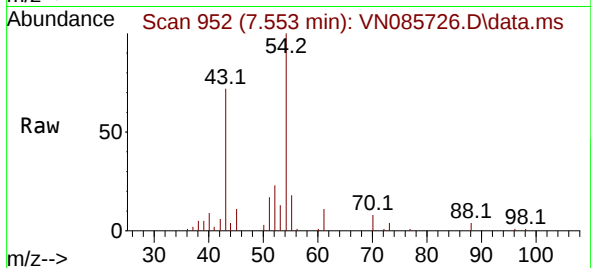
VN0210MBSD01

Tgt Ion: 43 Resp: 5886

Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.9	16.3
70	10.9	7.5	11.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38

Carbon Tetrachloride

Concen: 16.102 ug/l

RT: 8.359 min Scan# 1089

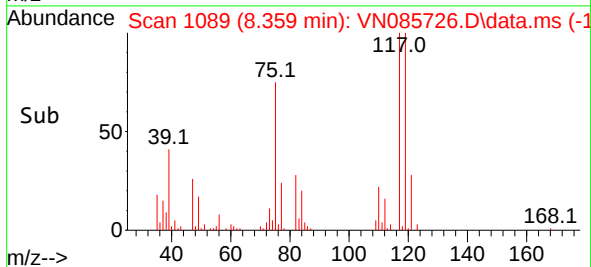
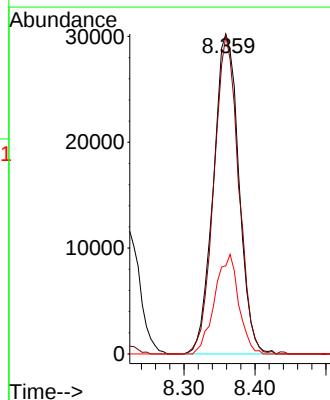
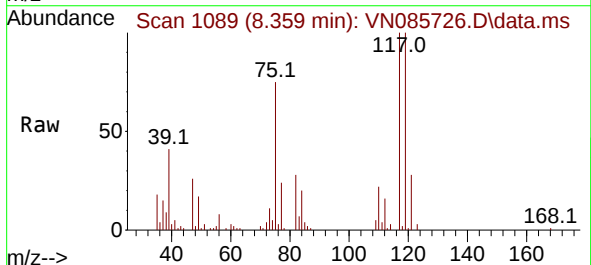
Delta R.T. -0.000 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Tgt Ion:117 Resp: 75010

Ion	Ratio	Lower	Upper
117	100		
119	99.5	75.4	113.2
121	27.6	24.6	37.0





#39

Methylcyclohexane

Concen: 14.823 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210MBSD01

Tgt Ion: 83 Resp: 56670

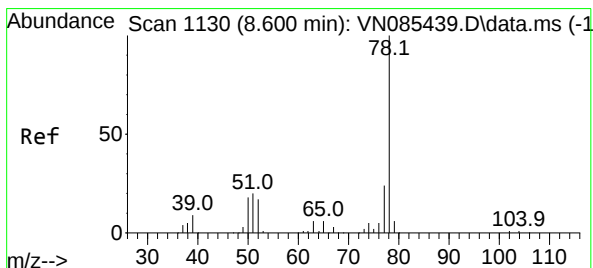
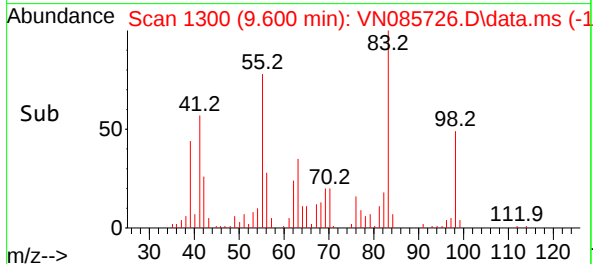
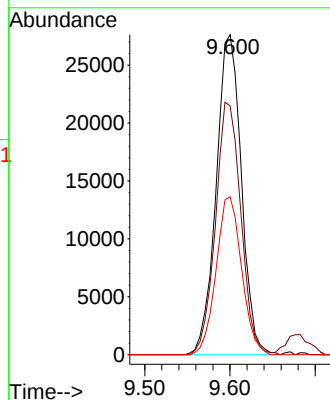
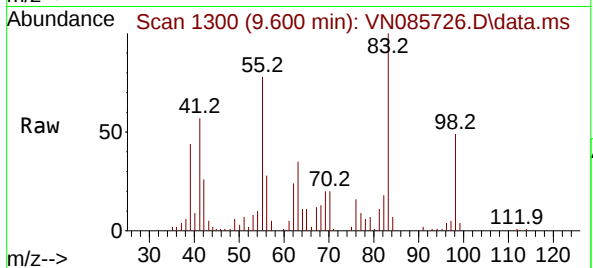
Ion	Ratio	Lower	Upper
83	100		
55	77.7	62.6	94.0
98	49.3	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#40

Benzene

Concen: 16.668 ug/l

RT: 8.606 min Scan# 1131

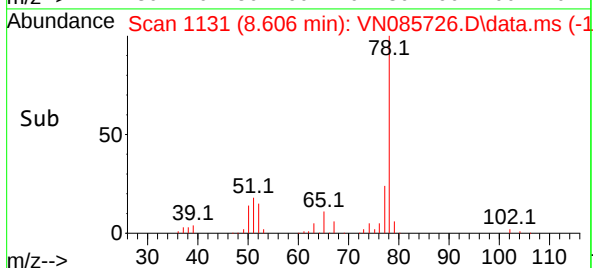
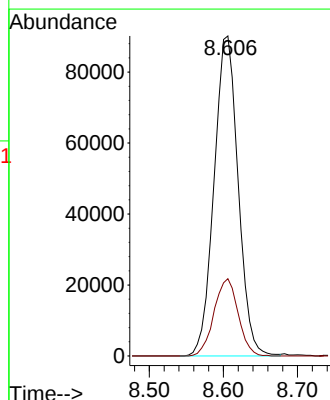
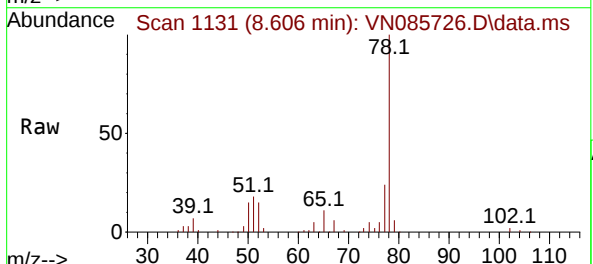
Delta R.T. 0.006 min

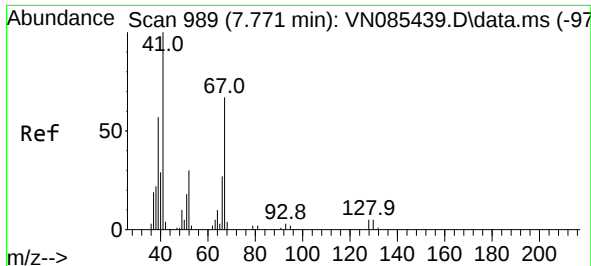
Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Tgt Ion: 78 Resp: 203787

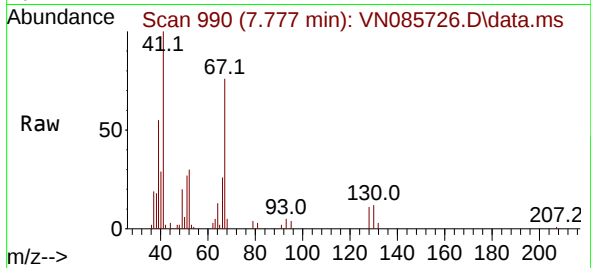
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 13.632 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

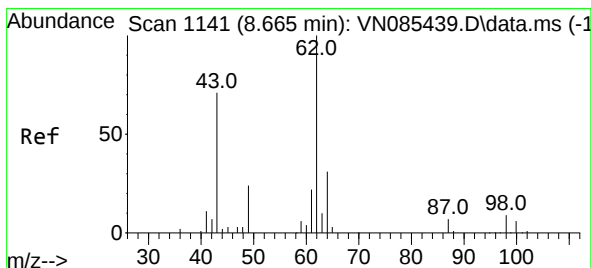
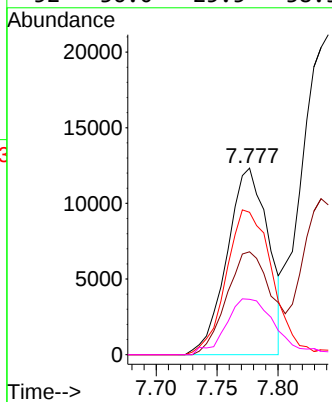
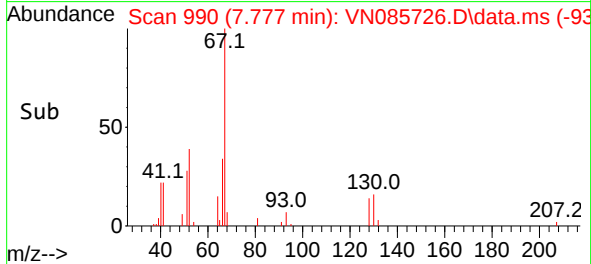
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 41 Resp: 29129
Ion Ratio Lower Upper
41 100
39 60.5 46.0 69.0
67 86.7 57.4 86.2
52 36.0 25.5 38.3

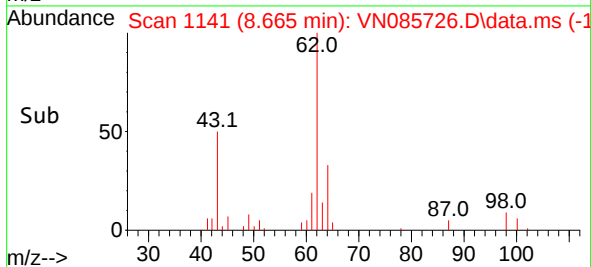
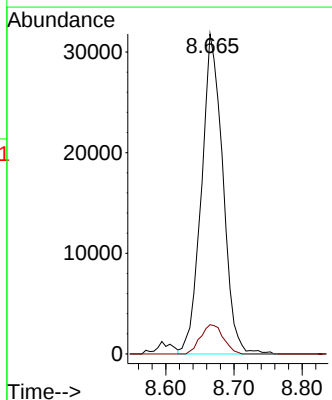
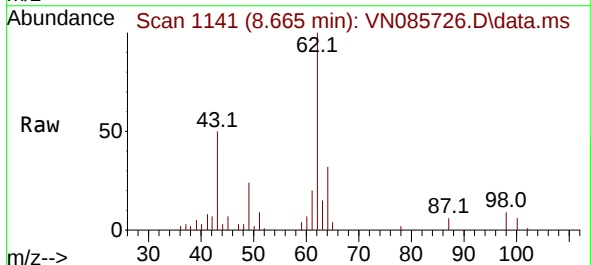
Manual Integrations
APPROVED

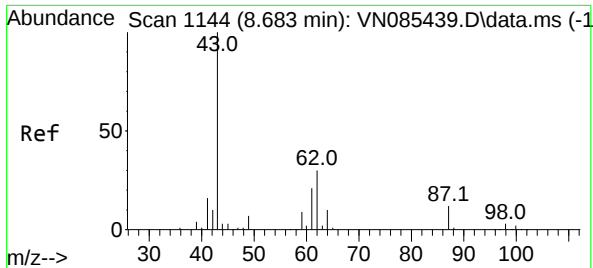
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 15.043 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

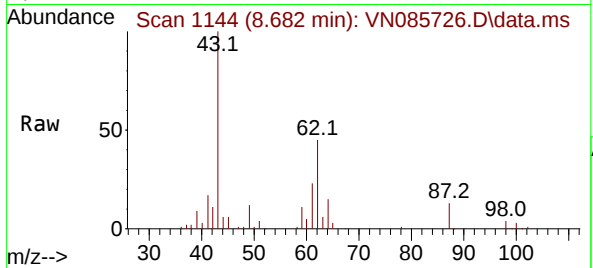
Tgt Ion: 62 Resp: 69266
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.0





#43
Isopropyl Acetate
Concen: 15.912 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

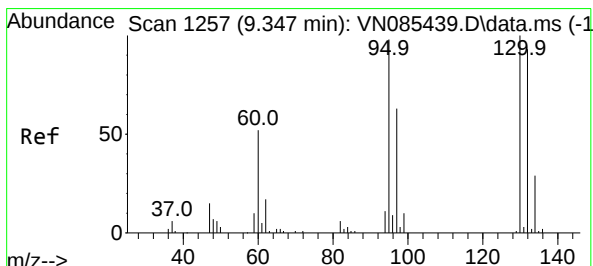
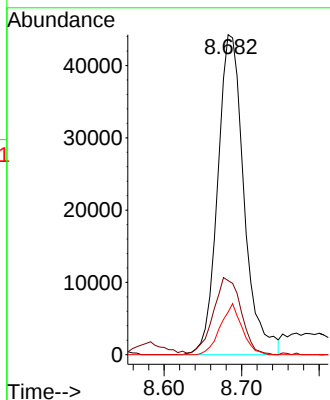
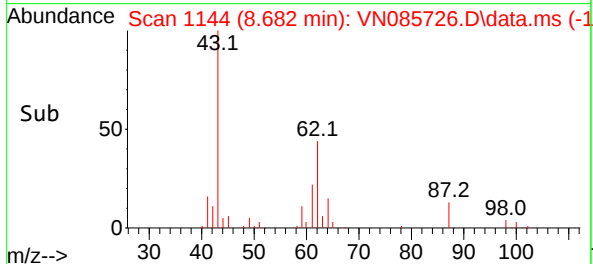
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



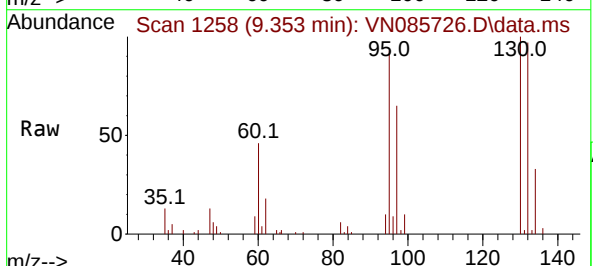
Tgt Ion: 43 Resp: 10471
Ion Ratio Lower Upper
43 100
61 25.5 20.7 31.1
87 13.1 9.8 14.8

Manual Integrations
APPROVED

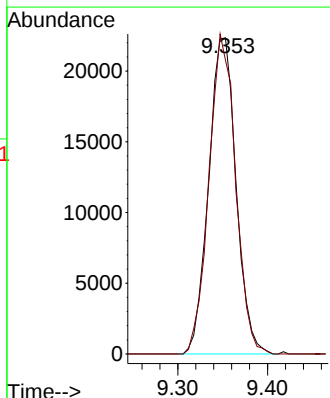
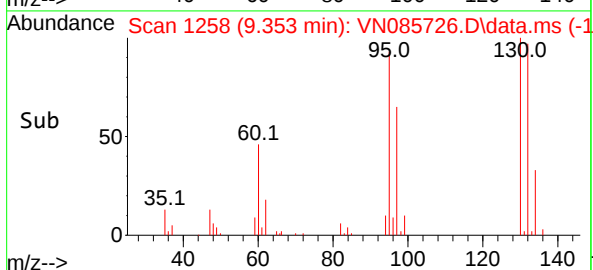
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44
Trichloroethene
Concen: 16.676 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



Tgt Ion:130 Resp: 47458
Ion Ratio Lower Upper
130 100
95 93.0 0.0 195.8





#45

1,2-Dichloropropane

Concen: 15.682 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 63 Resp: 48974

Ion Ratio Lower Upper

63 100

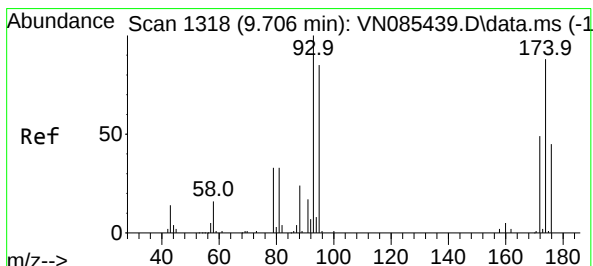
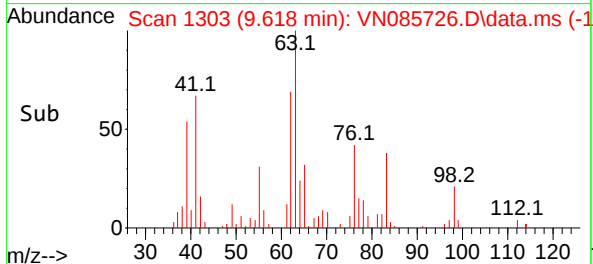
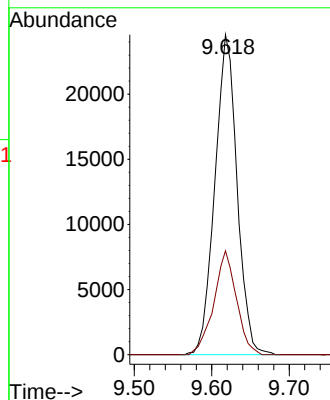
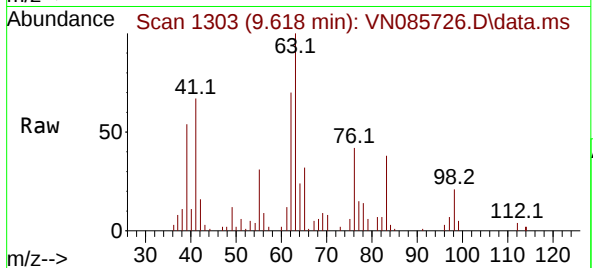
65 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#46

Dibromomethane

Concen: 15.620 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

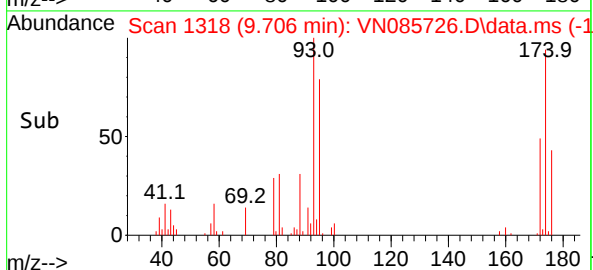
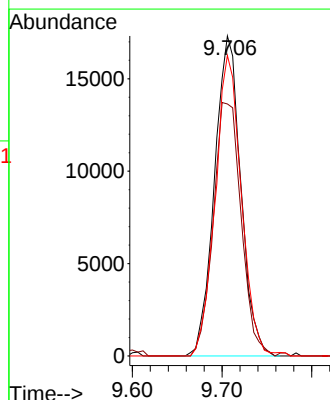
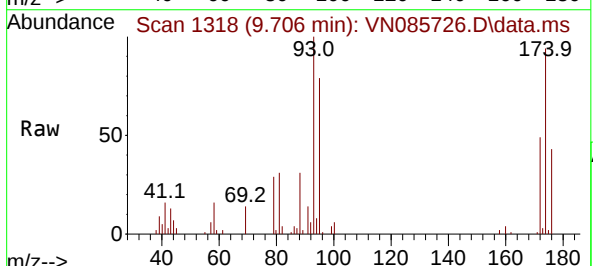
Tgt Ion: 93 Resp: 35198

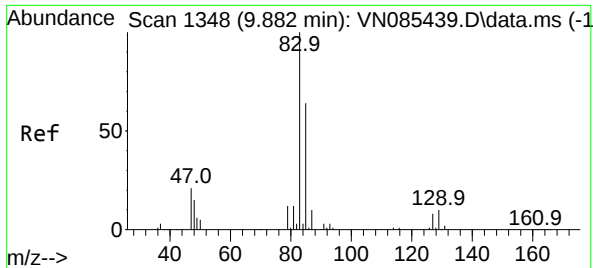
Ion Ratio Lower Upper

93 100

95 84.1 64.7 97.1

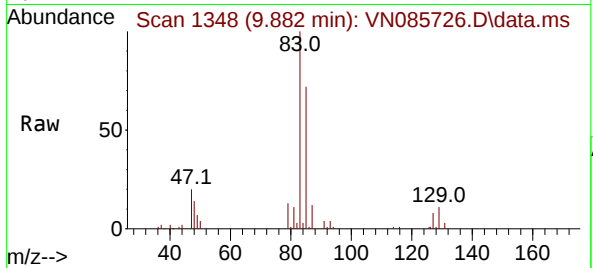
174 93.5 69.0 103.4





#47
Bromodichloromethane
Concen: 16.092 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

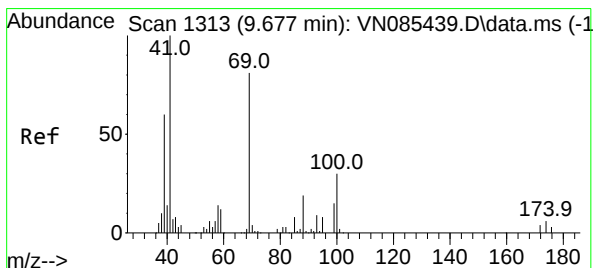
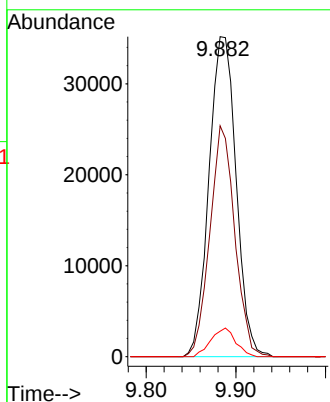
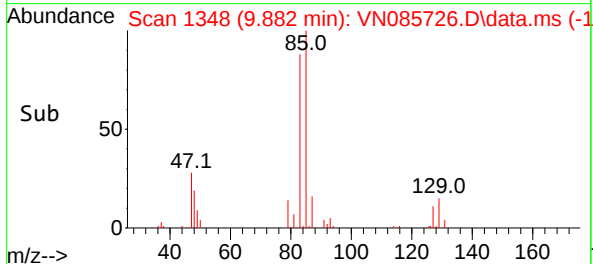
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 83 Resp: 7387
Ion Ratio Lower Upper
83 100
85 72.1 51.2 76.8
127 8.0 6.5 9.7

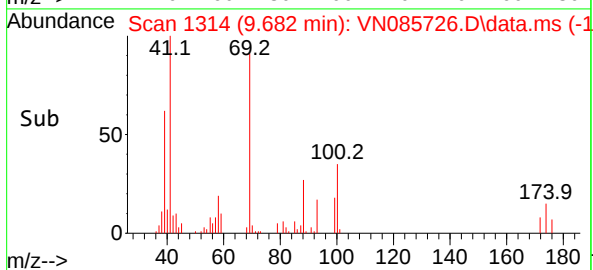
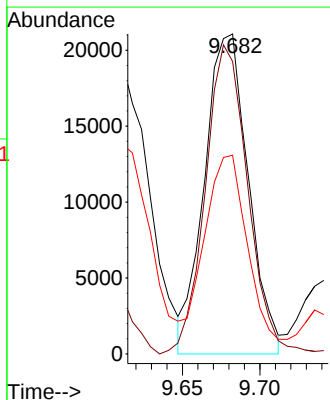
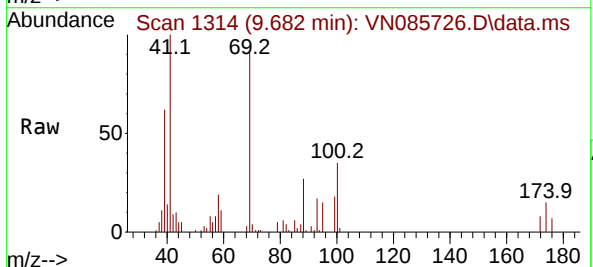
Manual Integrations
APPROVED

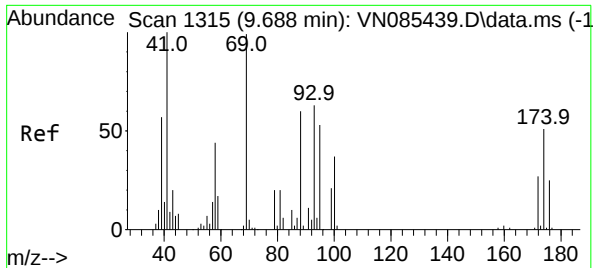
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48
Methyl methacrylate
Concen: 13.995 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

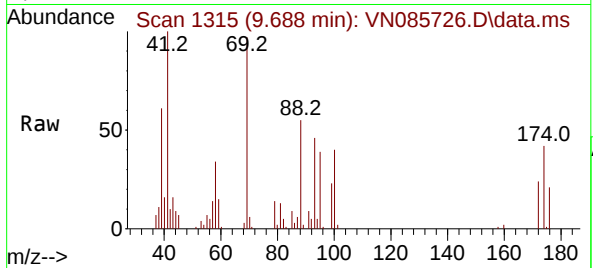
Tgt Ion: 41 Resp: 41447
Ion Ratio Lower Upper
41 100
69 94.2 64.7 97.1
39 63.4 49.0 73.6





#49
1,4-Dioxane
Concen: 321.962 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

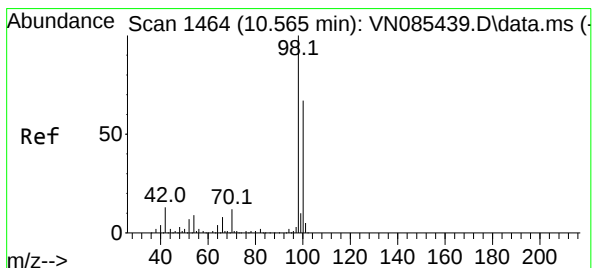
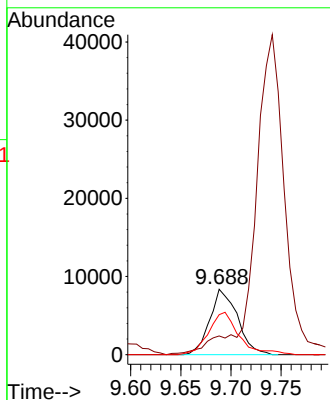
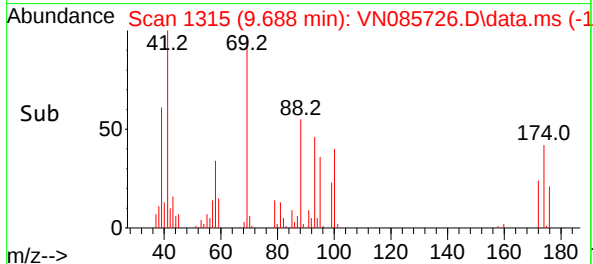
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 88 Resp: 1605
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8
58 71.7 59.5 89.3

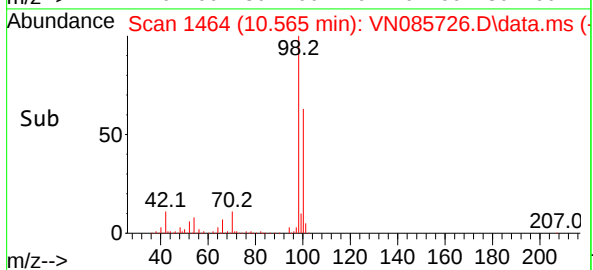
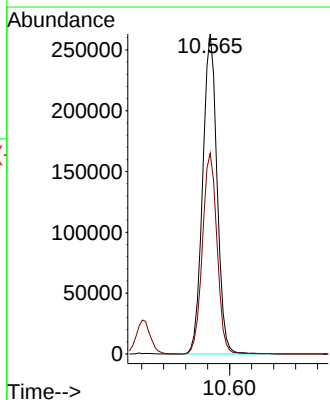
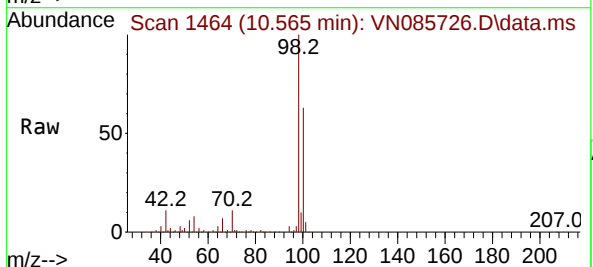
Manual Integrations
APPROVED

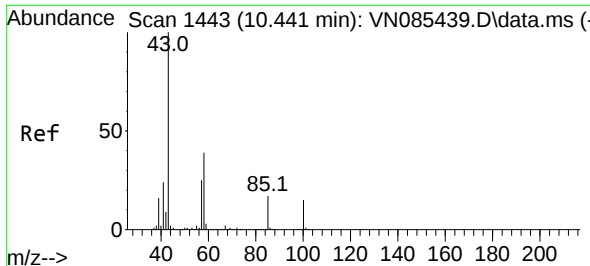
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#50
Toluene-d8
Concen: 46.281 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

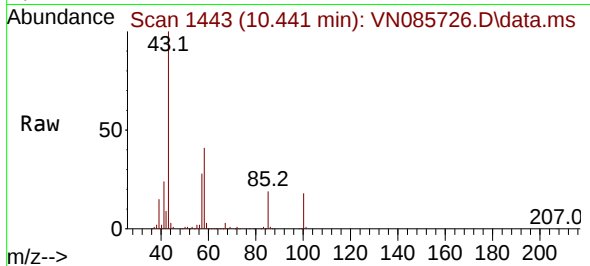
Tgt Ion: 98 Resp: 476734
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 74.976 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

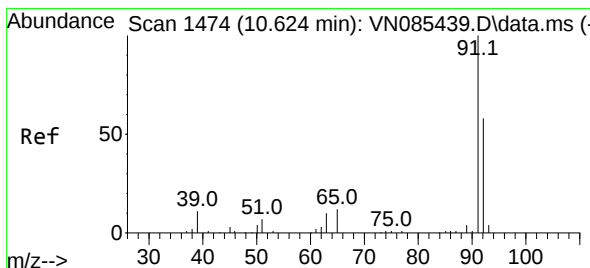
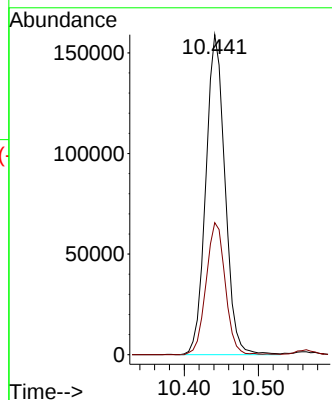
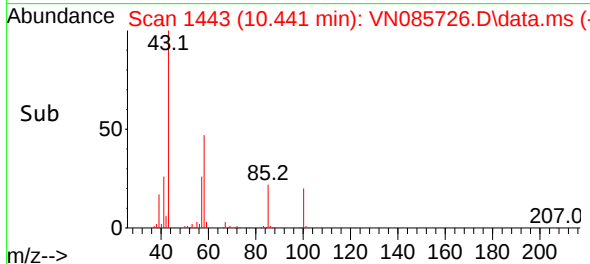
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01



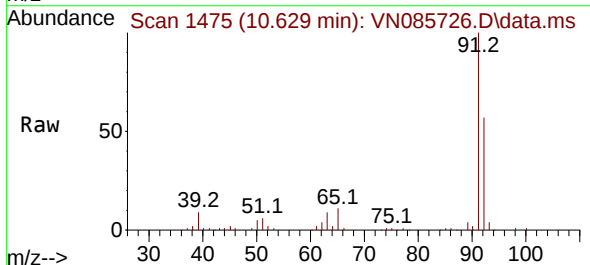
Tgt Ion: 43 Resp: 28632
Ion Ratio Lower Upper
43 100
58 41.3 30.5 45.7

Manual Integrations
APPROVED

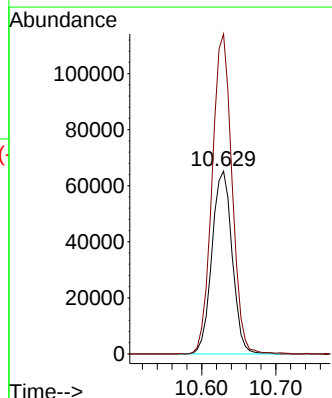
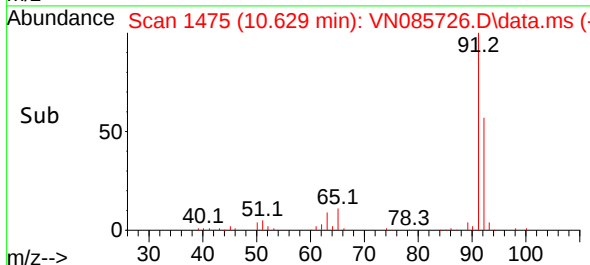
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

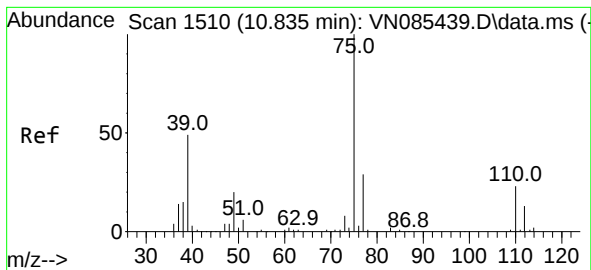


#52
Toluene
Concen: 17.463 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



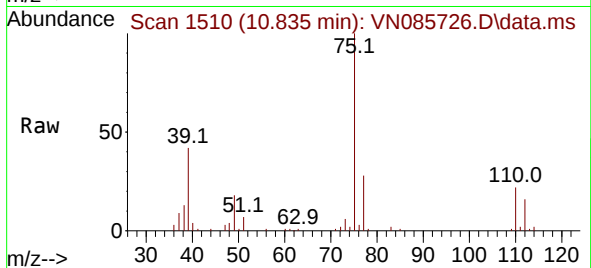
Tgt Ion: 92 Resp: 123708
Ion Ratio Lower Upper
92 100
91 172.0 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 15.903 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

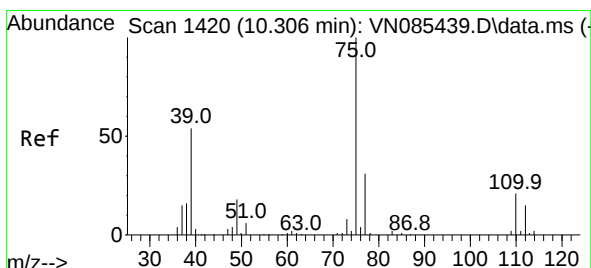
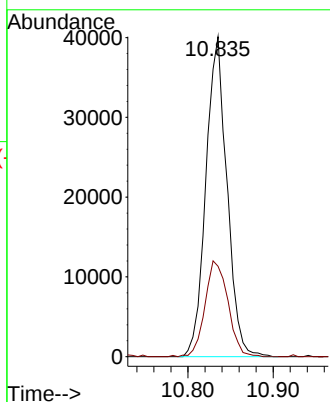
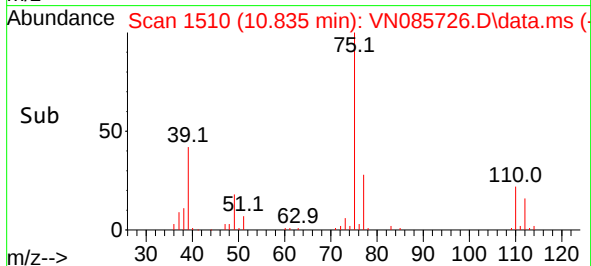
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01



Tgt Ion: 75 Resp: 6899
Ion Ratio Lower Upper
75 100
77 28.3 23.5 35.3

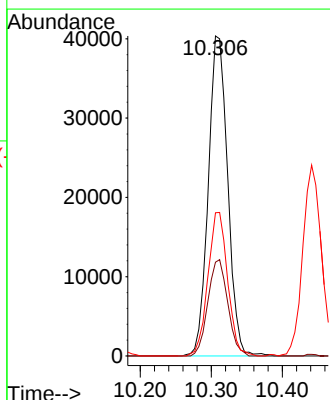
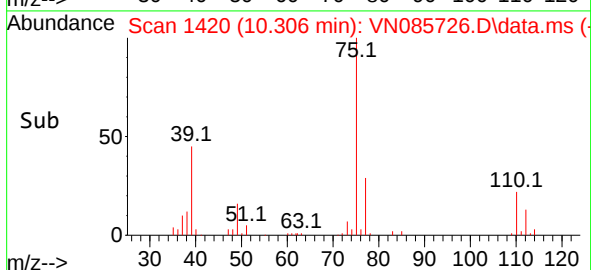
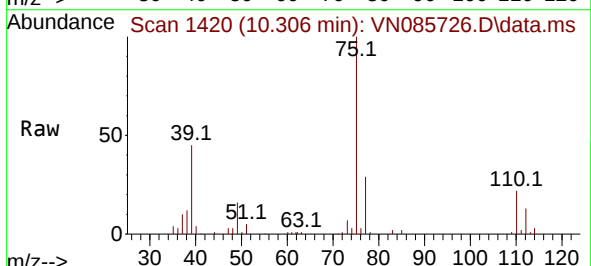
Manual Integrations
APPROVED

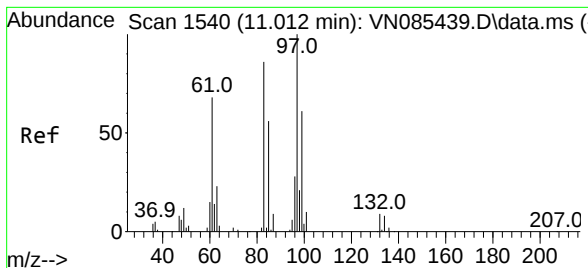
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#54
cis-1,3-Dichloropropene
Concen: 16.518 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

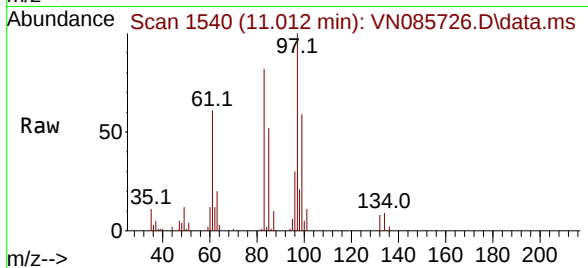
Tgt Ion: 75 Resp: 76547
Ion Ratio Lower Upper
75 100
77 29.3 25.0 37.4
39 44.8 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 17.177 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

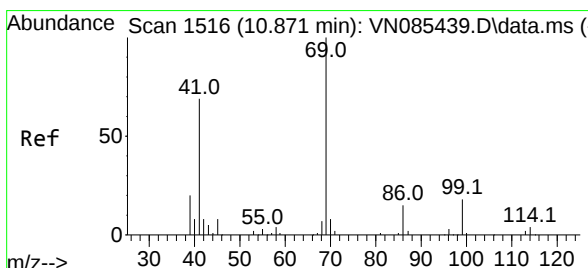
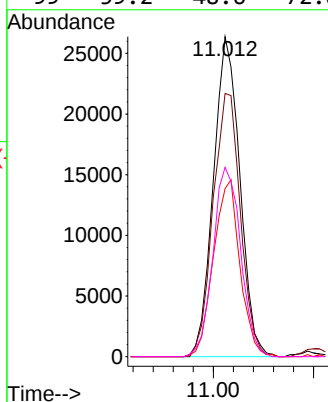
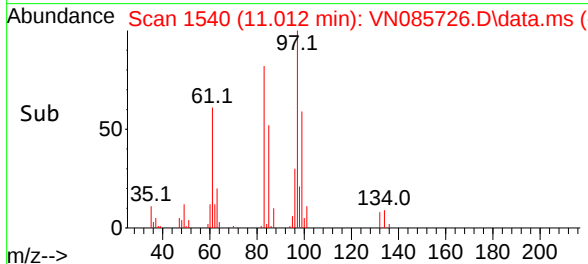
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



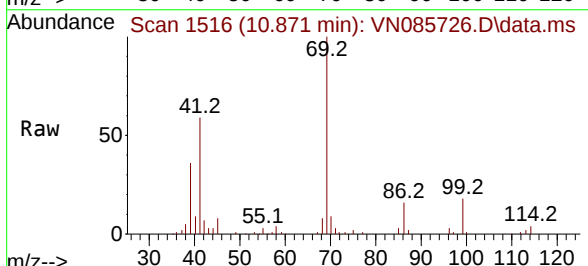
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.0	103.6
85	52.5	44.6	66.8
99	59.2	48.6	72.8

Manual Integrations
APPROVED

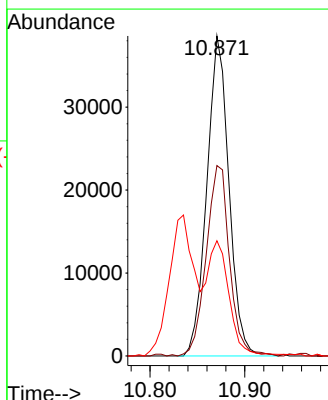
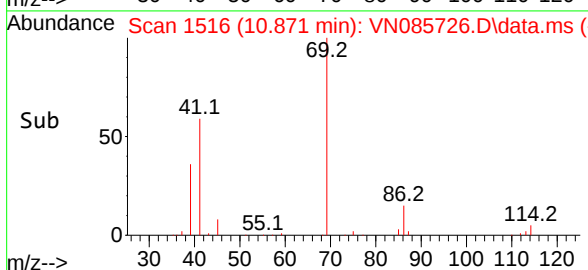
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

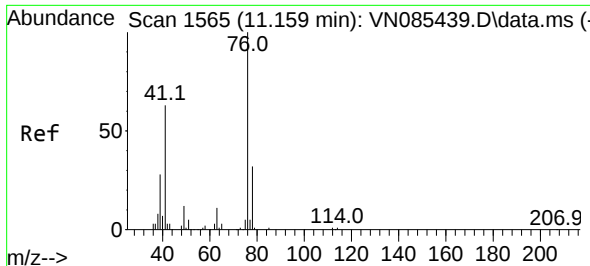


#56
Ethyl methacrylate
Concen: 14.661 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	54.6	82.0
39	36.5	32.4	48.6





#57

1,3-Dichloropropane

Concen: 16.087 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085726.D

Acq: 10 Feb 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 76 Resp: 78418

Ion Ratio Lower Upper

76 100

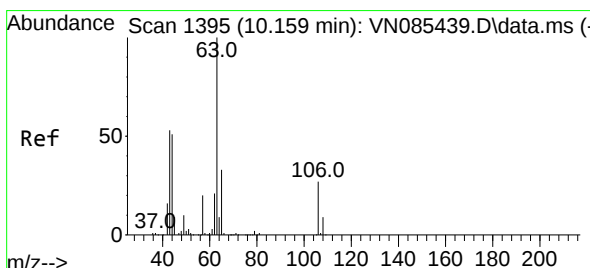
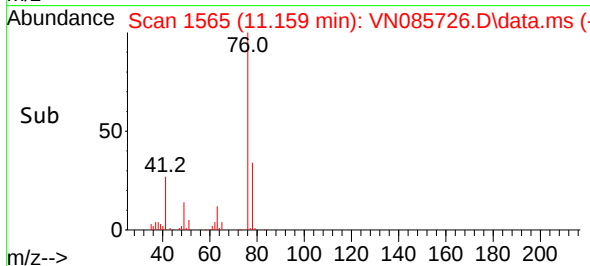
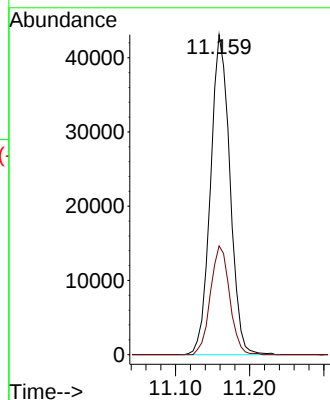
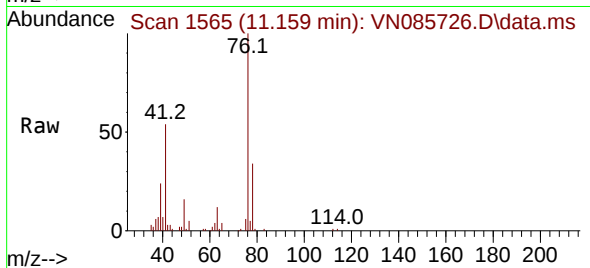
78 33.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.240 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085726.D

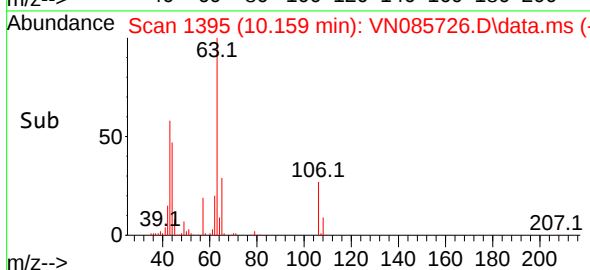
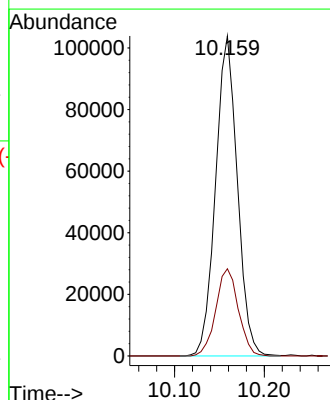
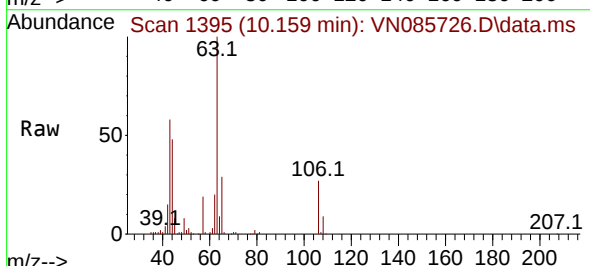
Acq: 10 Feb 2025 16:12

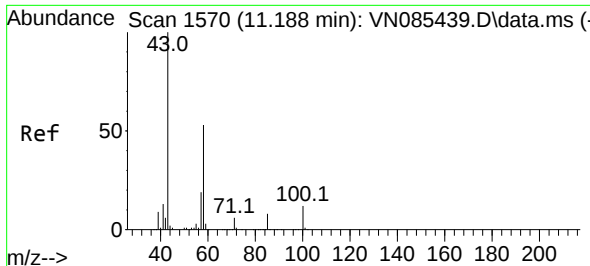
Tgt Ion: 63 Resp: 174775

Ion Ratio Lower Upper

63 100

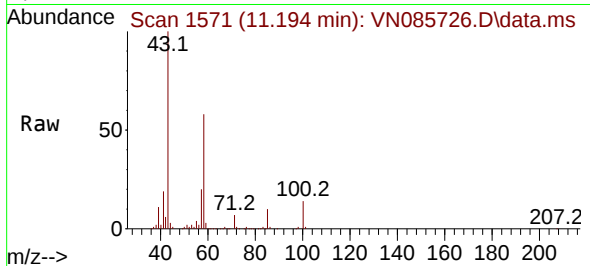
106 28.2 21.6 32.4





#59
2-Hexanone
Concen: 75.797 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

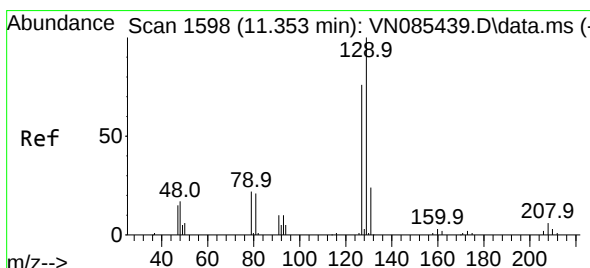
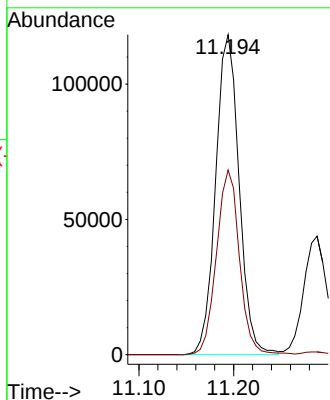
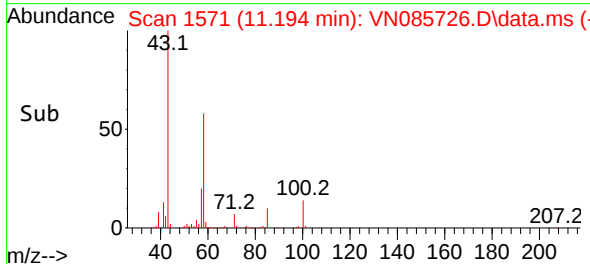
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 43 Resp: 20367
Ion Ratio Lower Upper
43 100
58 56.6 26.2 78.6

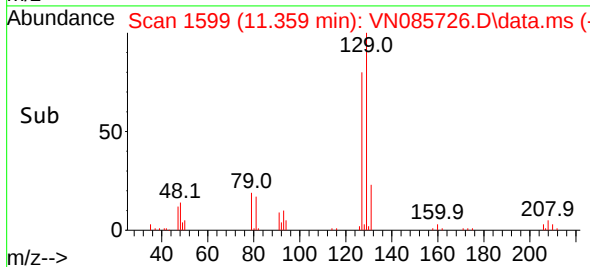
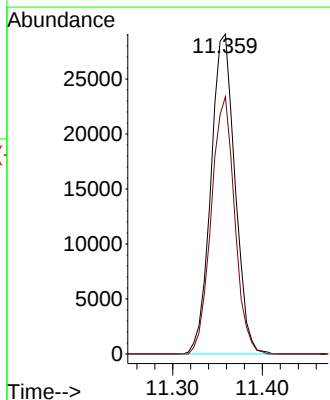
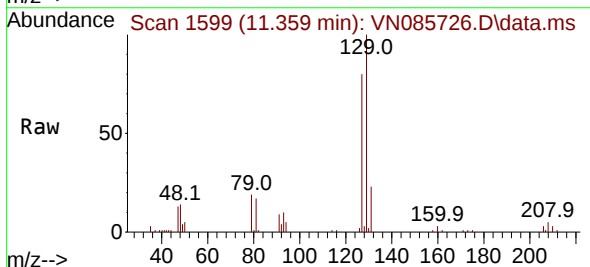
Manual Integrations
APPROVED

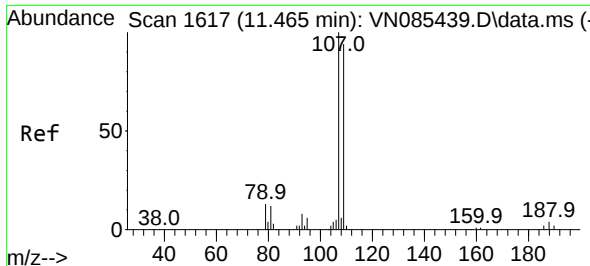
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
Dibromochloromethane
Concen: 16.031 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion:129 Resp: 54257
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





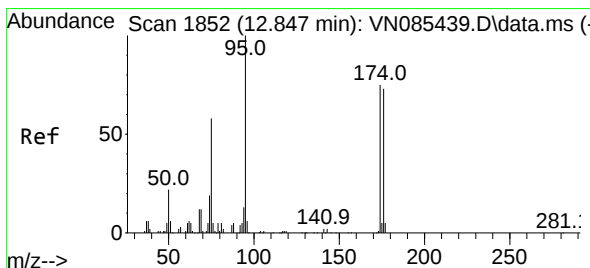
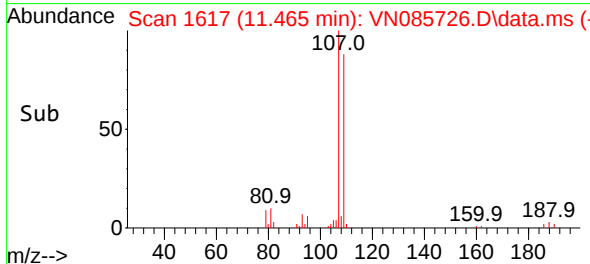
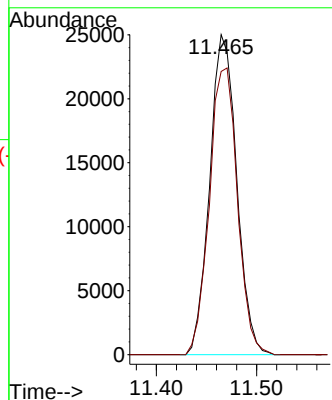
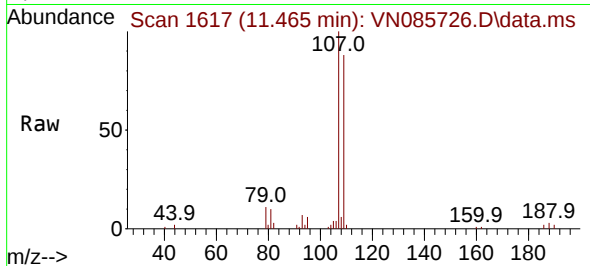
#61
1,2-Dibromoethane
Concen: 16.790 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01

Tgt Ion:107 Resp: 46853
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9

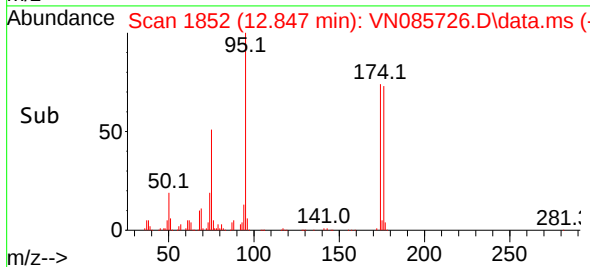
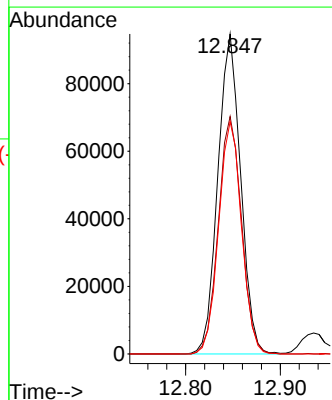
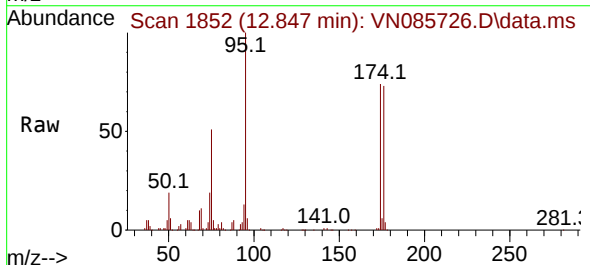
Manual Integrations
APPROVED

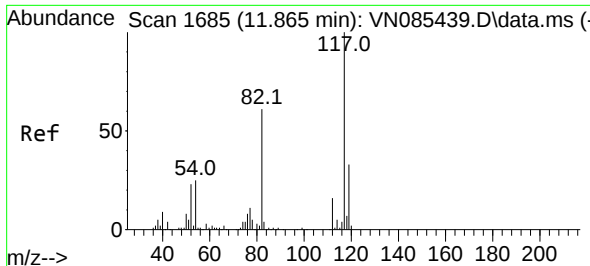
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
4-Bromofluorobenzene
Concen: 44.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

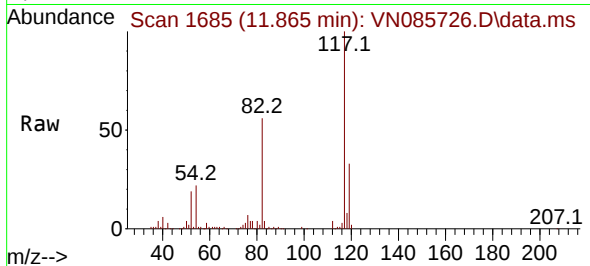
Tgt Ion: 95 Resp: 158553
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.0
176 72.8 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

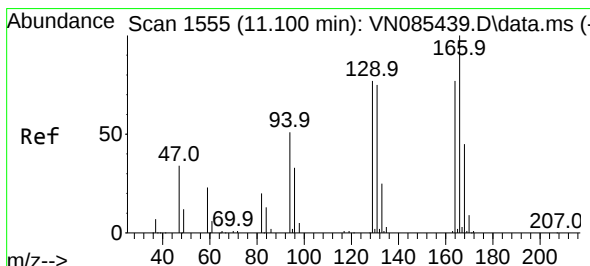
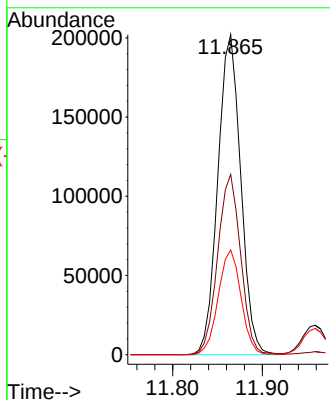
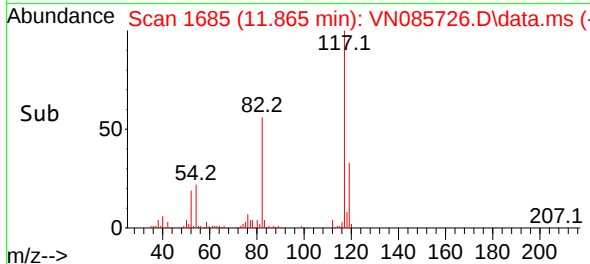
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01



Tgt Ion:117 Resp: 35869
Ion Ratio Lower Upper
117 100
82 56.3 48.6 72.8
119 32.7 26.6 39.8

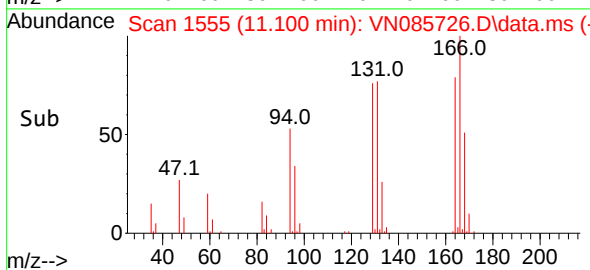
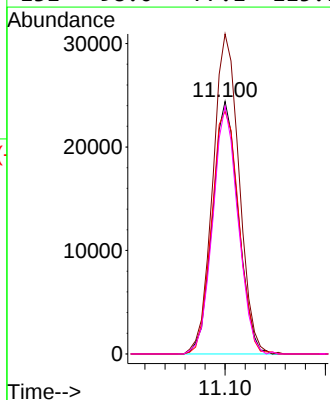
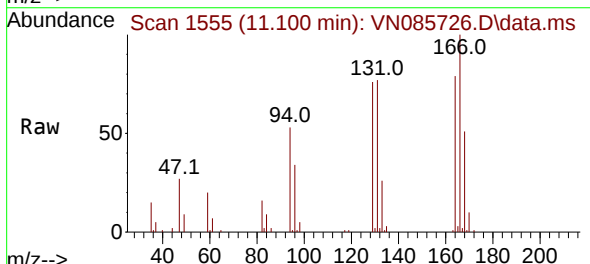
Manual Integrations
APPROVED

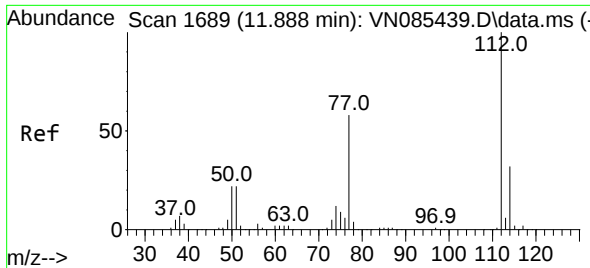
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 17.844 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion:164 Resp: 43635
Ion Ratio Lower Upper
164 100
166 126.8 103.4 155.2
129 96.1 79.2 118.8
131 98.0 77.1 115.7





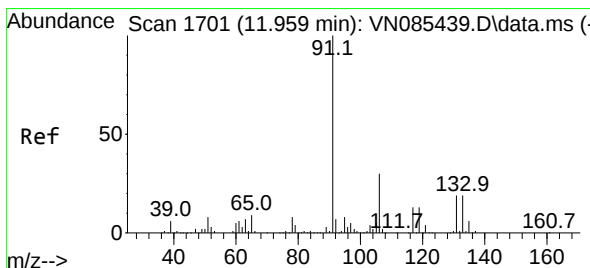
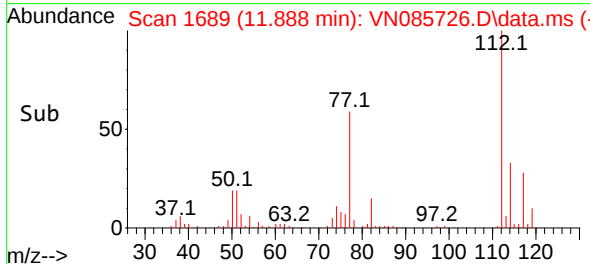
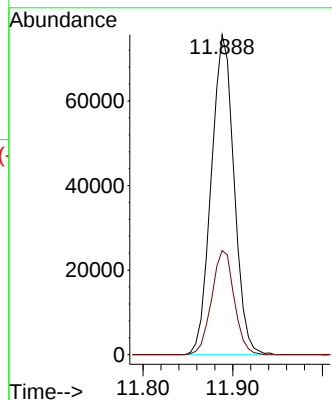
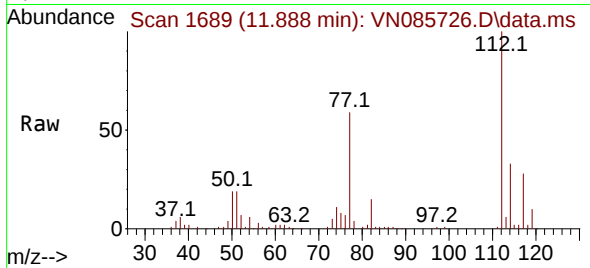
#65
Chlorobenzene
Concen: 16.948 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01

Tgt Ion:112 Resp: 13317
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

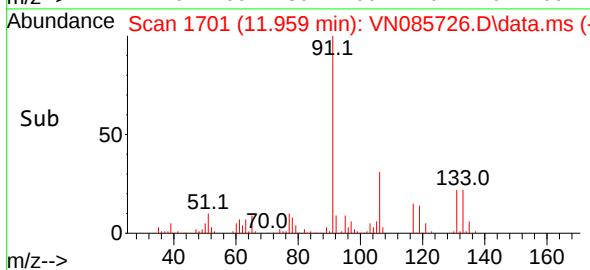
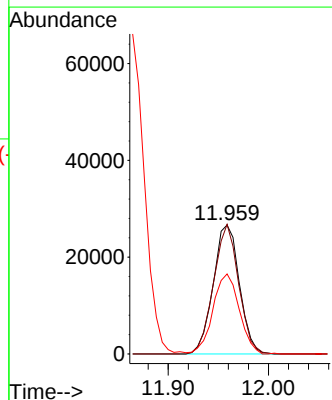
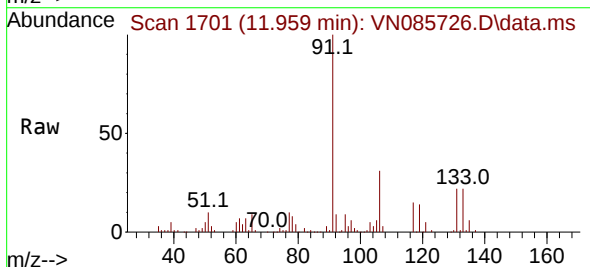
Manual Integrations
APPROVED

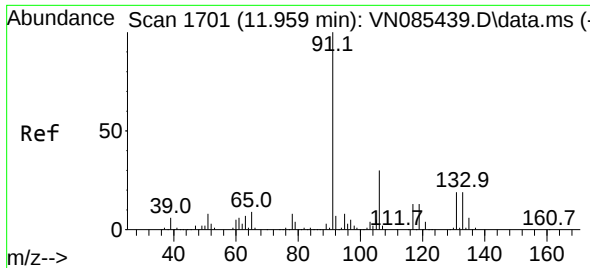
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 16.719 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion:131 Resp: 48218
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.3
119 62.5 33.1 99.5





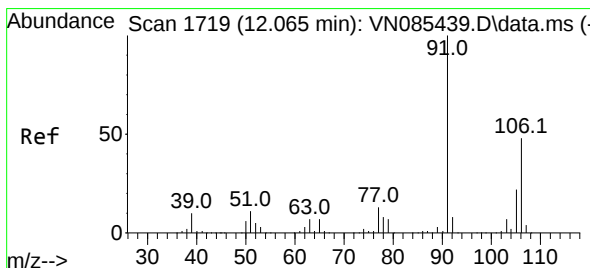
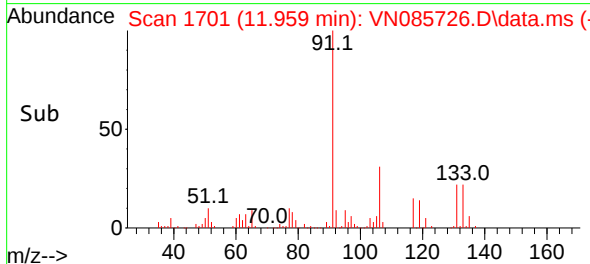
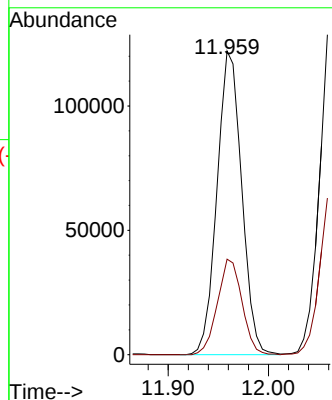
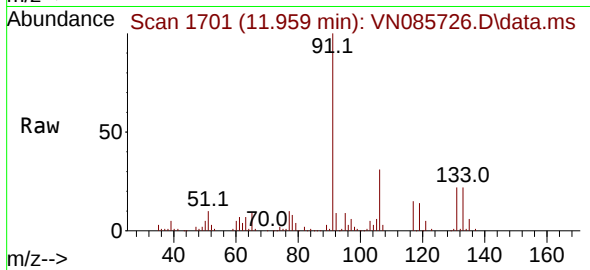
#67
Ethyl Benzene
Concen: 16.273 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01

Tgt Ion: 91 Resp: 208275
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.8

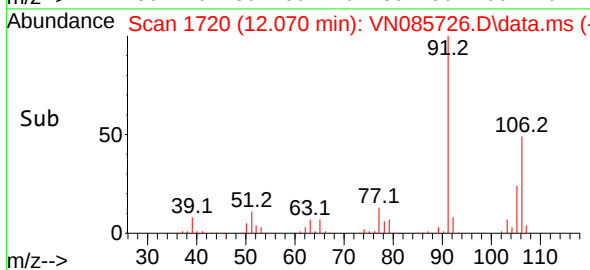
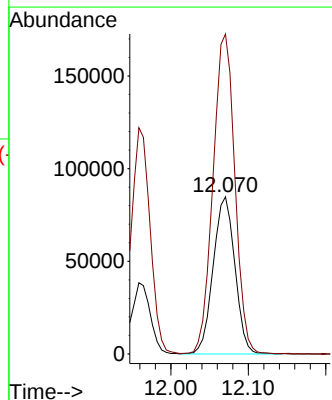
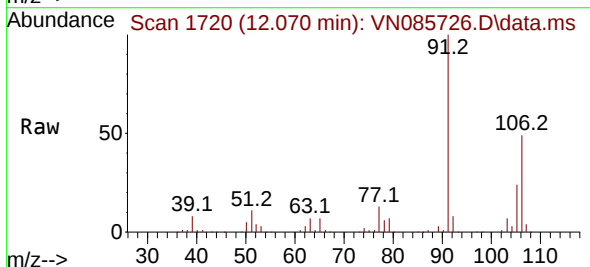
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#68
m/p-Xylenes
Concen: 34.977 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion:106 Resp: 165444
Ion Ratio Lower Upper
106 100
91 204.6 167.7 251.5





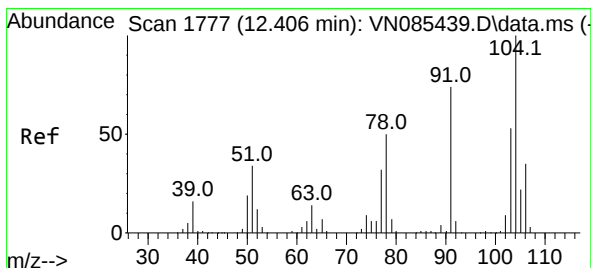
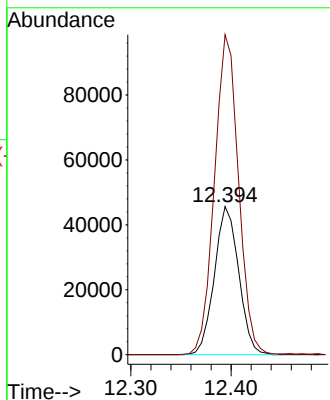
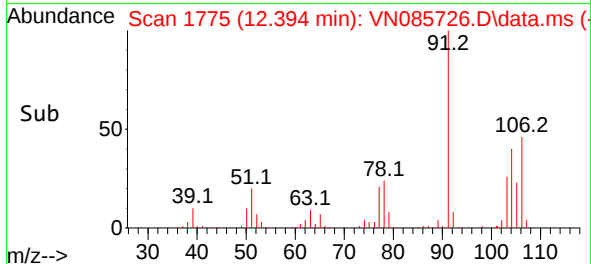
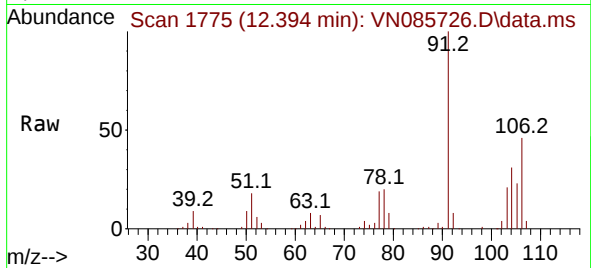
#69
o-Xylene
Concen: 16.940 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01

Tgt Ion:106 Resp: 7657
Ion Ratio Lower Upper
106 100
91 214.2 110.4 331.2

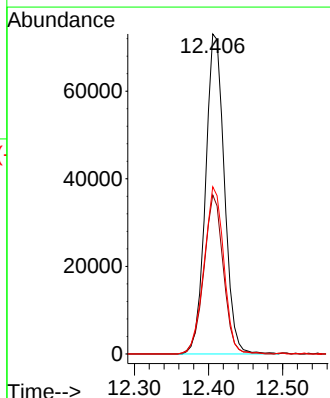
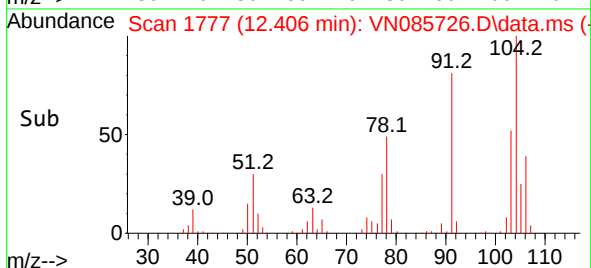
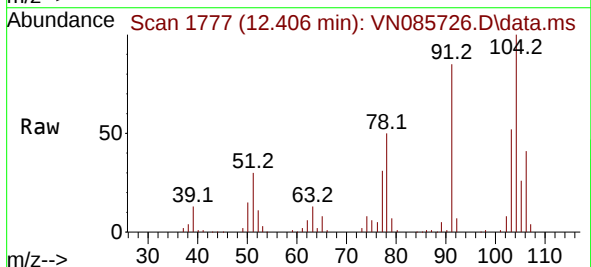
Manual Integrations
APPROVED

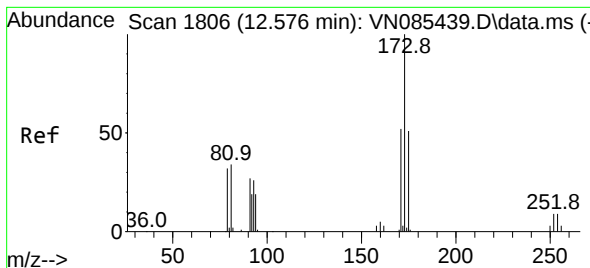
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 17.252 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

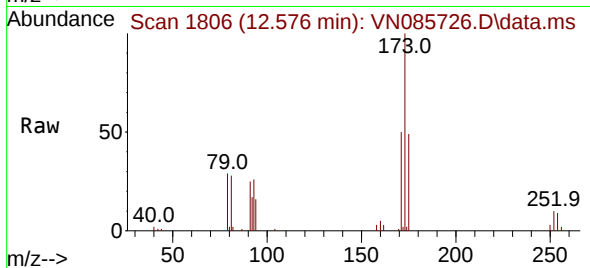
Tgt Ion:104 Resp: 129062
Ion Ratio Lower Upper
104 100
78 51.2 42.5 63.7
103 54.8 43.8 65.8





#71
Bromoform
Concen: 17.830 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

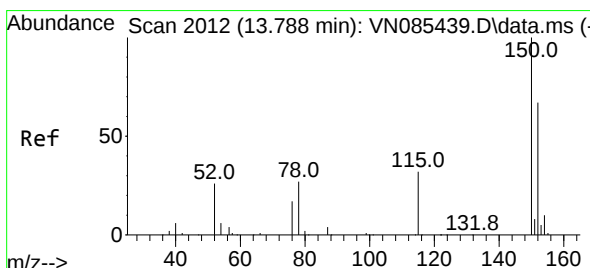
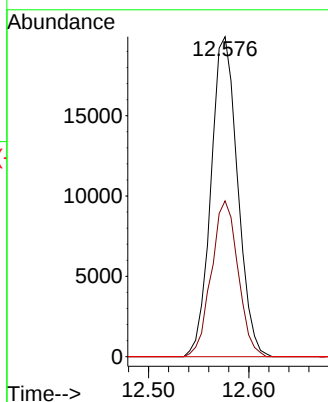
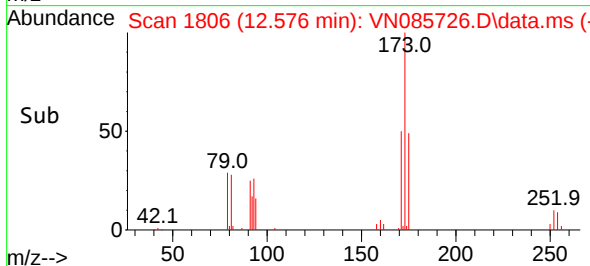
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



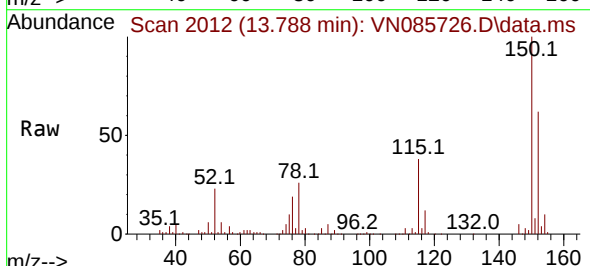
Tgt Ion:173 Resp: 36792
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

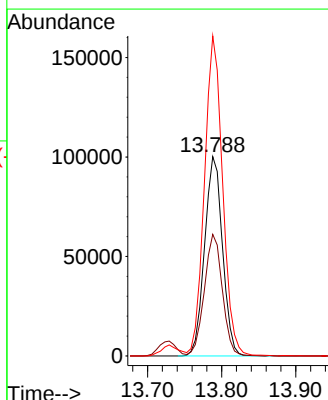
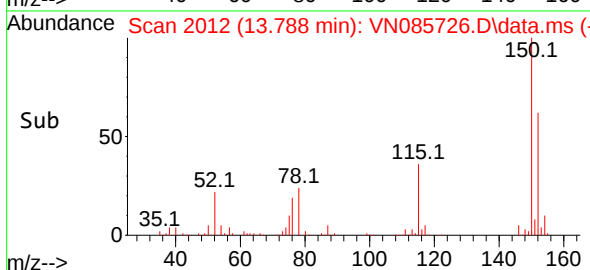
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

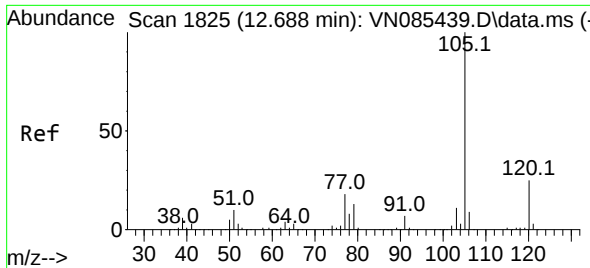


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



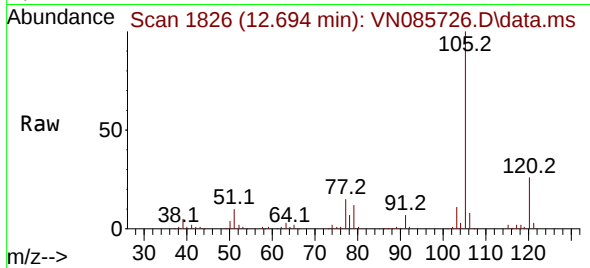
Tgt Ion:152 Resp: 168427
Ion Ratio Lower Upper
152 100
115 61.2 31.1 93.3
150 162.6 0.0 343.6





#73
Isopropylbenzene
Concen: 16.616 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

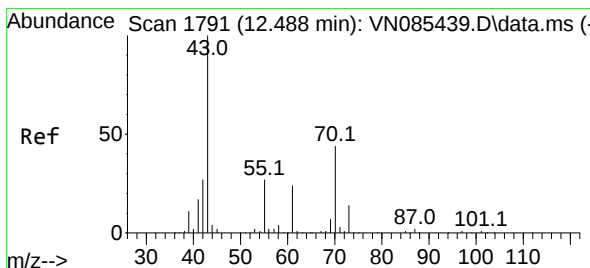
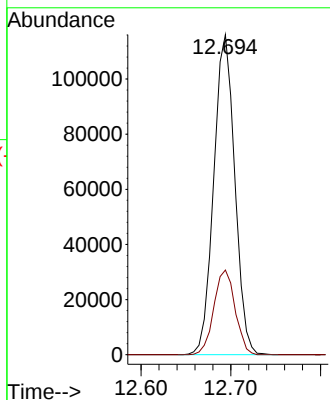
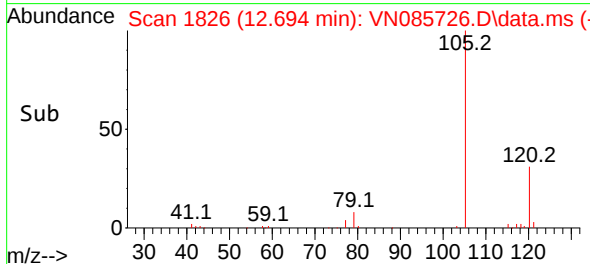
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



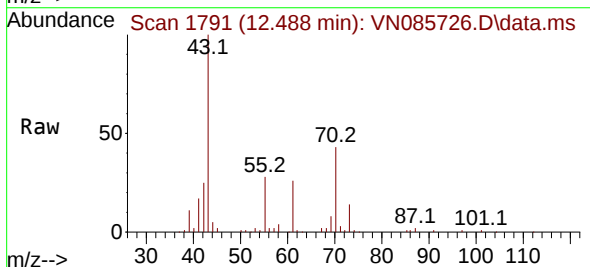
Tgt Ion:105 Resp: 18888
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.3

Manual Integrations
APPROVED

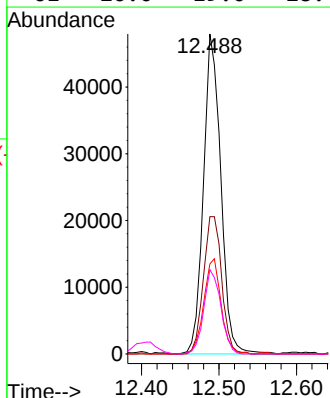
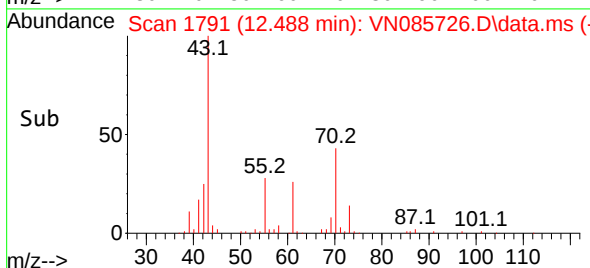
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

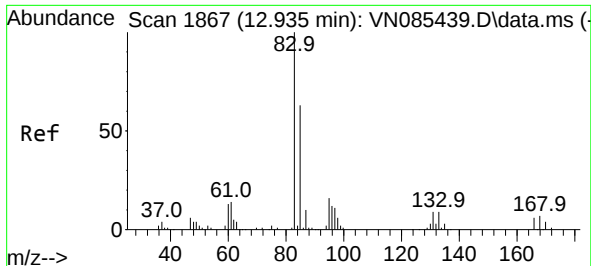


#74
N-ethyl acetate
Concen: 14.604 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



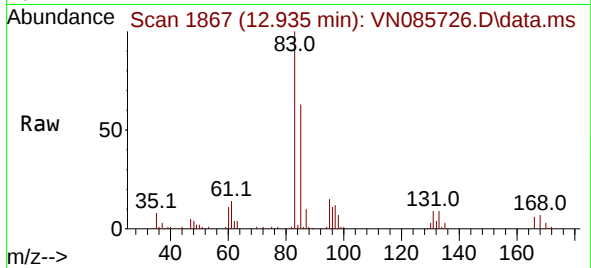
Tgt Ion: 43 Resp: 74617
Ion Ratio Lower Upper
43 100
70 45.3 34.0 51.0
55 29.6 21.4 32.2
61 26.0 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 16.677 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

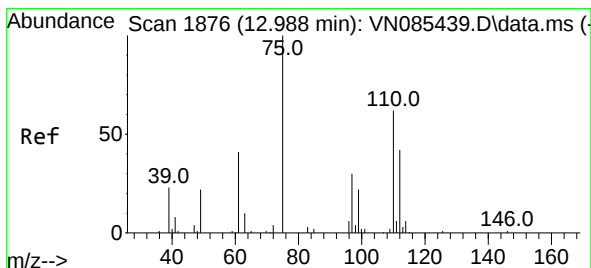
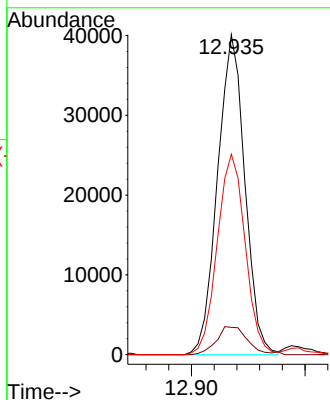
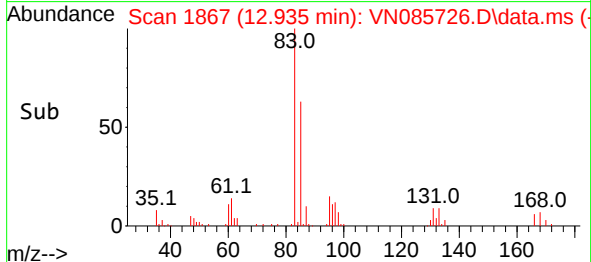
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 83 Resp: 66960
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.1 32.2 96.6

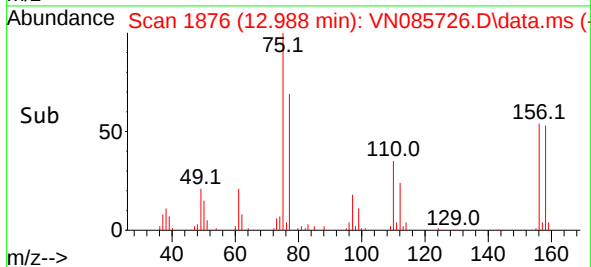
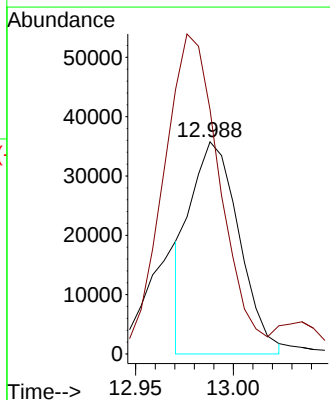
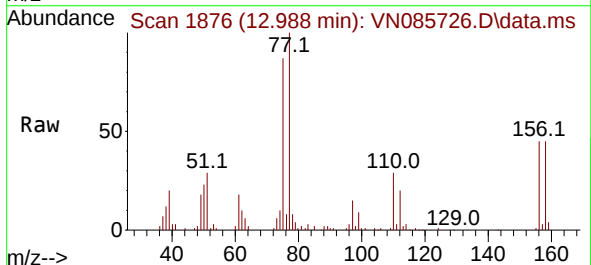
Manual Integrations
APPROVED

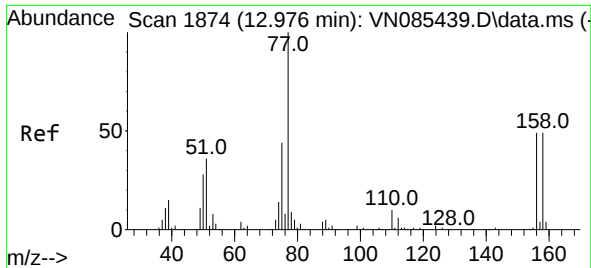
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#76
1,2,3-Trichloropropane
Concen: 18.167 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

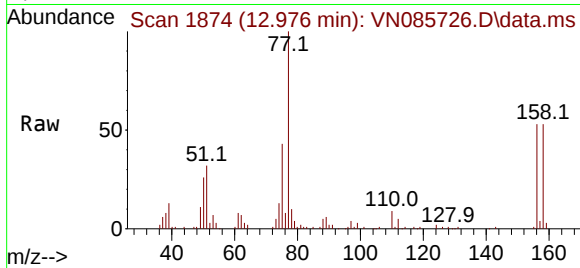
Tgt Ion: 75 Resp: 62193
Ion Ratio Lower Upper
75 100
77 175.2 109.7 329.2





#77
Bromobenzene
Concen: 16.729 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

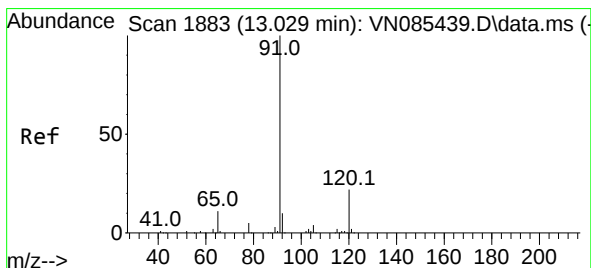
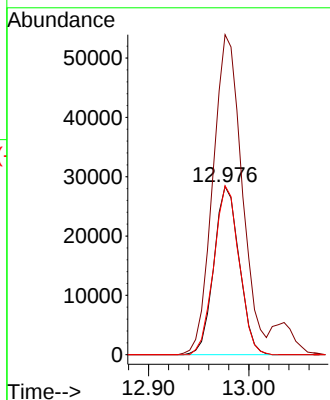
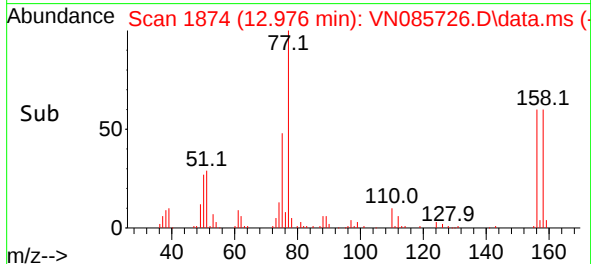
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01



Tgt Ion:156 Resp: 49684
Ion Ratio Lower Upper
156 100
77 219.3 114.1 342.4
158 100.4 48.9 146.8

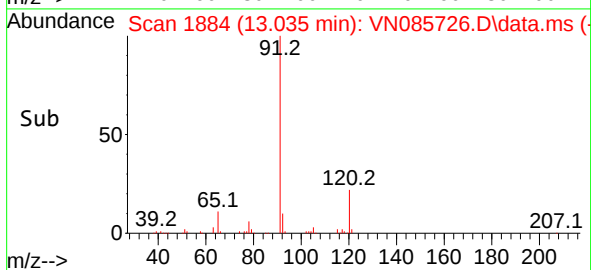
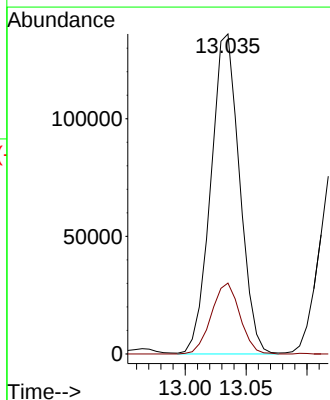
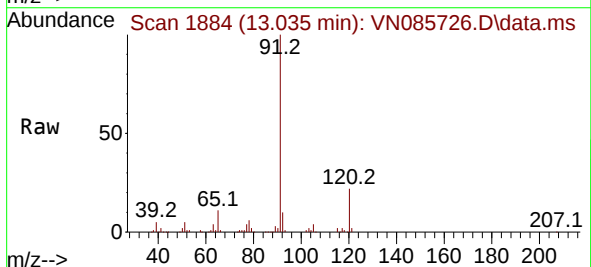
Manual Integrations
APPROVED

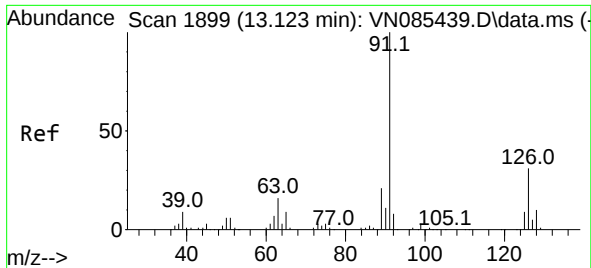
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#78
n-propylbenzene
Concen: 16.604 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion: 91 Resp: 223440
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6





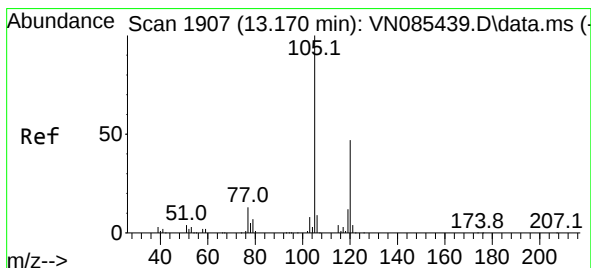
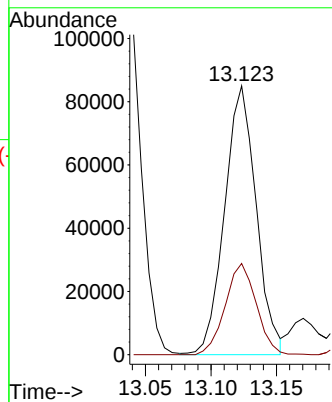
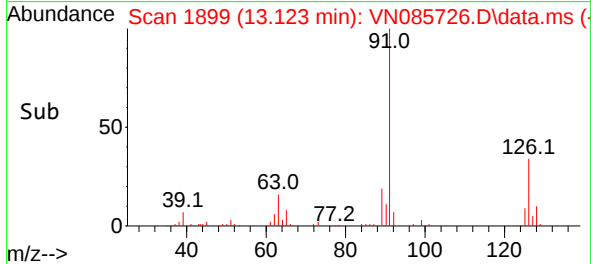
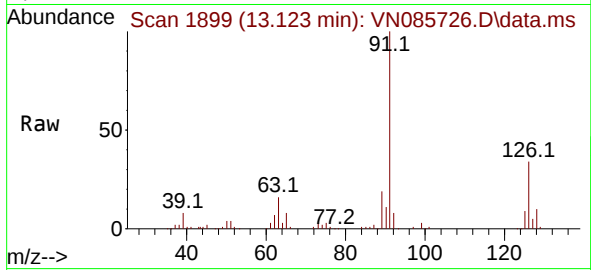
#79
2-Chlorotoluene
Concen: 16.374 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01

Tgt Ion: 91 Resp: 142610
Ion Ratio Lower Upper
91 100
126 33.3 15.7 47.1

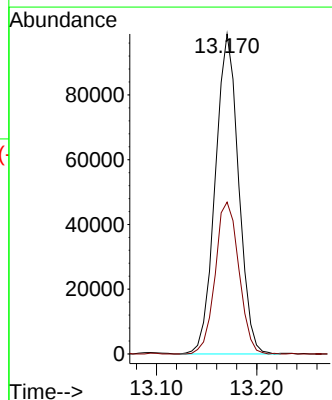
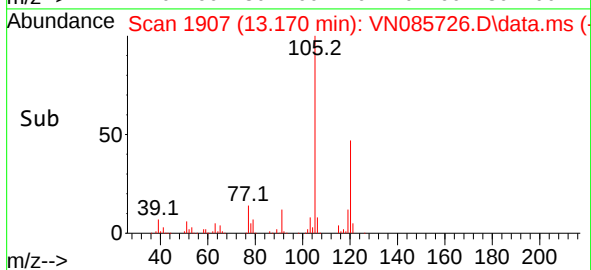
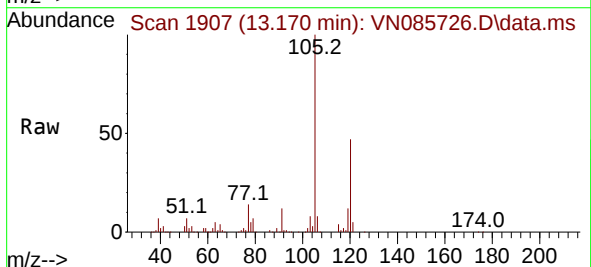
Manual Integrations
APPROVED

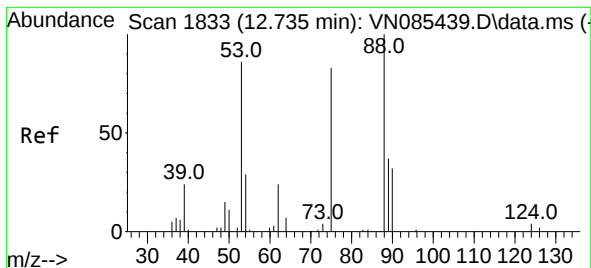
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 16.989 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

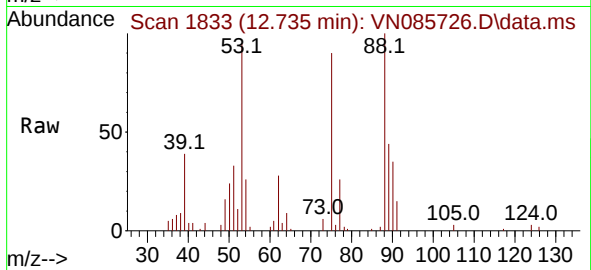
Tgt Ion:105 Resp: 159522
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.019 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

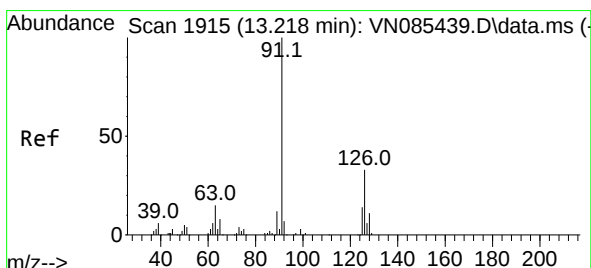
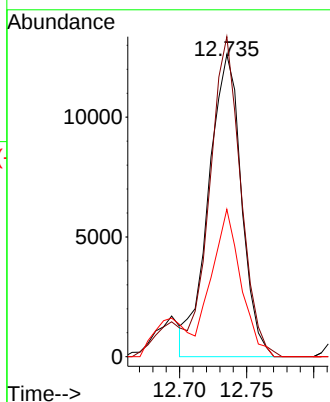
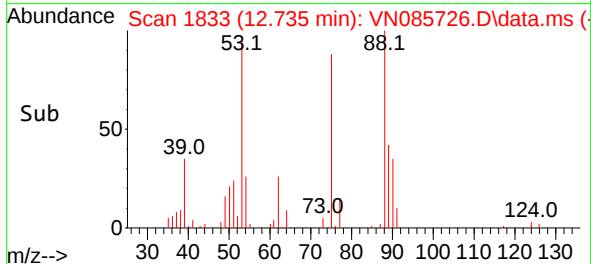
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



Tgt Ion: 75 Resp: 21534
Ion Ratio Lower Upper
75 100
53 98.5 95.6 143.4
89 43.0 37.0 55.6

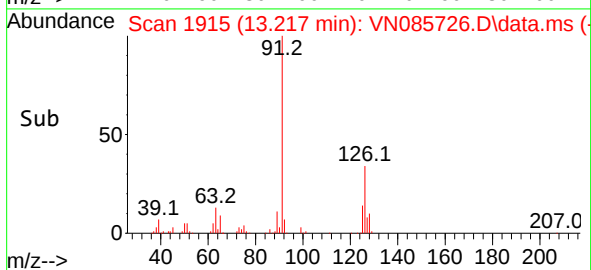
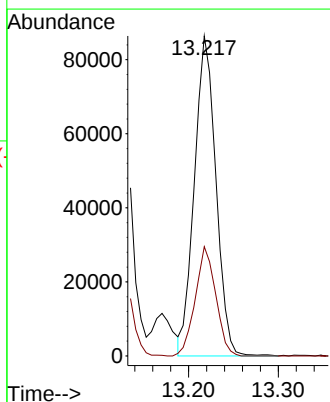
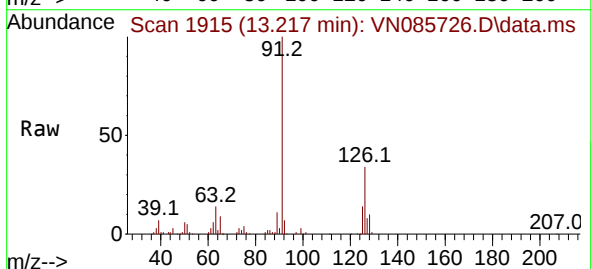
Manual Integrations
APPROVED

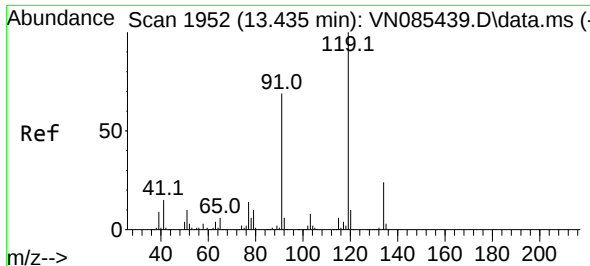
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#82
4-Chlorotoluene
Concen: 16.613 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

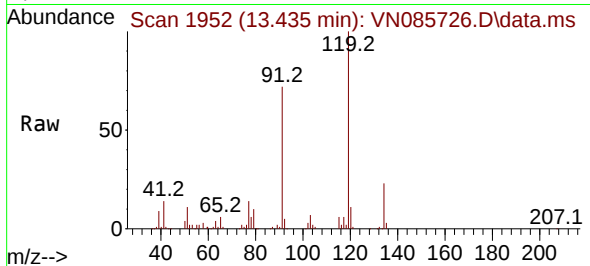
Tgt Ion: 91 Resp: 144064
Ion Ratio Lower Upper
91 100
126 32.5 15.9 47.7





#83
 tert-Butylbenzene
 Concen: 16.141 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12

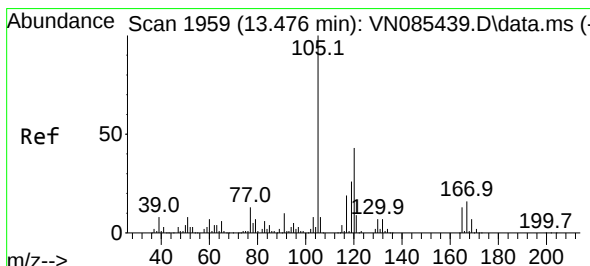
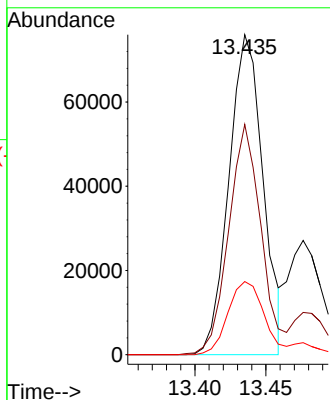
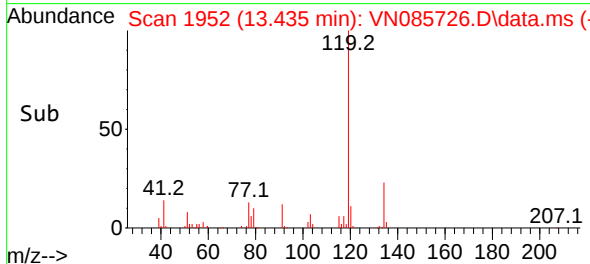
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBS01



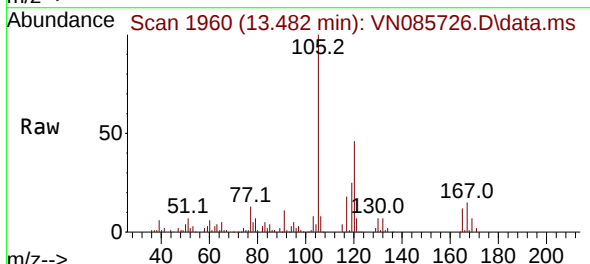
Tgt Ion:119 Resp: 12727
 Ion Ratio Lower Upper
 119 100
 91 68.7 35.1 105.3
 134 24.1 12.0 36.1

Manual Integrations
 APPROVED

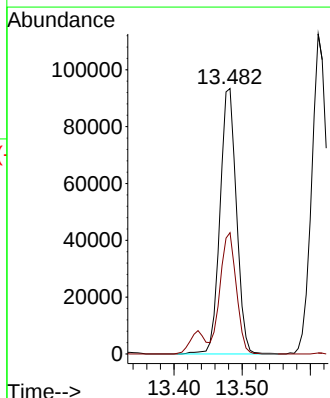
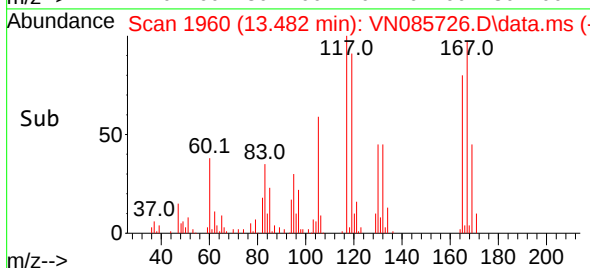
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

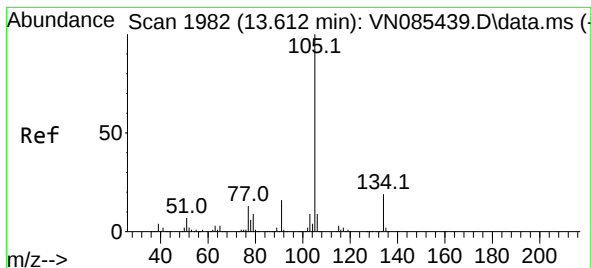


#84
 1,2,4-Trimethylbenzene
 Concen: 16.748 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12



Tgt Ion:105 Resp: 156730
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.6 65.0





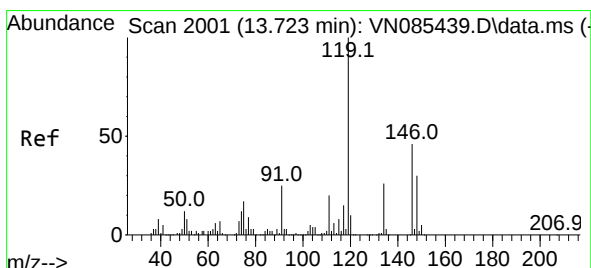
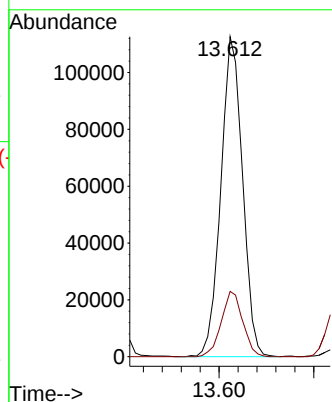
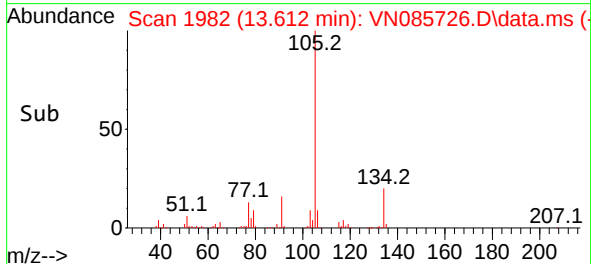
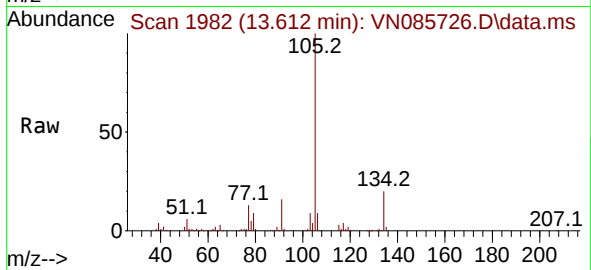
#85
 sec-Butylbenzene
 Concen: 16.376 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBSD01

Tgt Ion:105 Resp: 178962
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 28.9

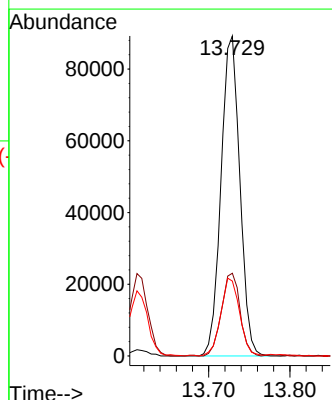
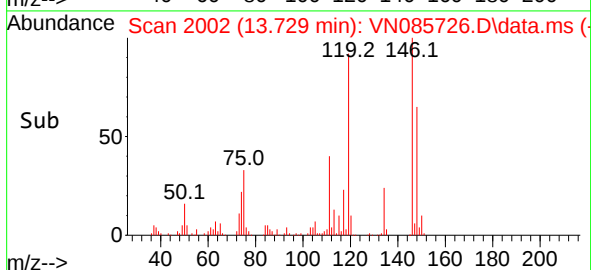
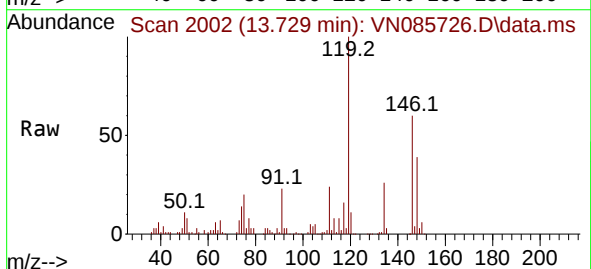
Manual Integrations
 APPROVED

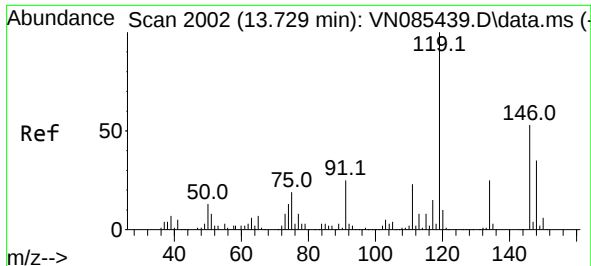
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#86
 p-Isopropyltoluene
 Concen: 15.979 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085726.D
 Acq: 10 Feb 2025 16:12

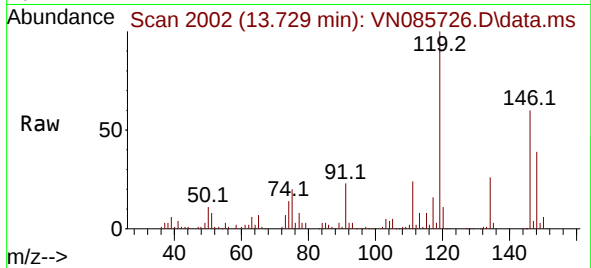
Tgt Ion:119 Resp: 143950
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 24.5 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 16.313 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

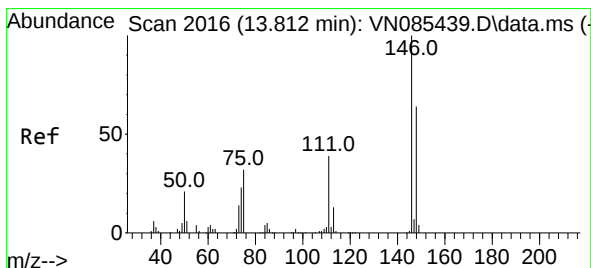
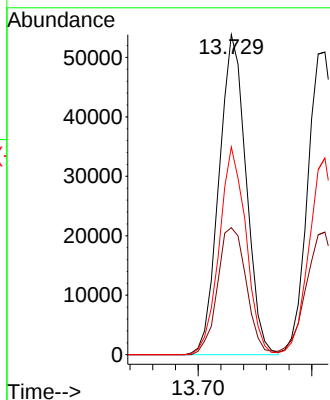
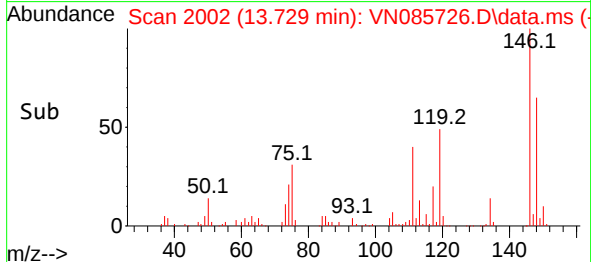
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01



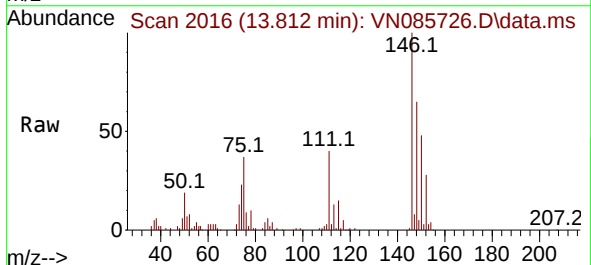
Tgt Ion:146 Resp: 89224
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 64.1 32.3 96.9

Manual Integrations
APPROVED

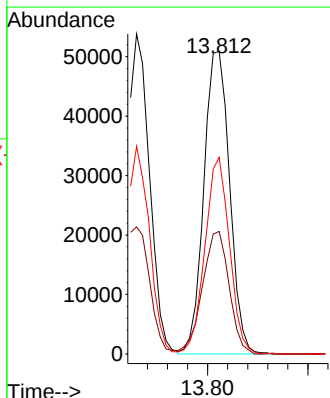
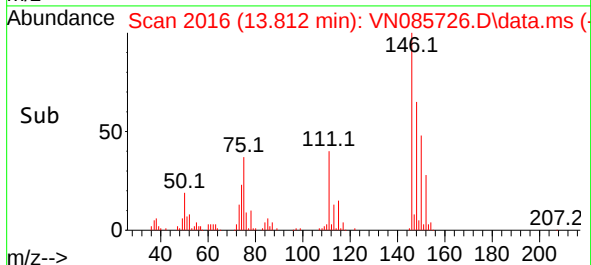
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

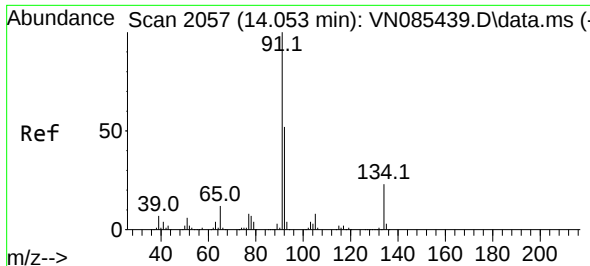


#88
1,4-Dichlorobenzene
Concen: 16.039 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



Tgt Ion:146 Resp: 90928
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.7
148 61.9 32.4 97.0





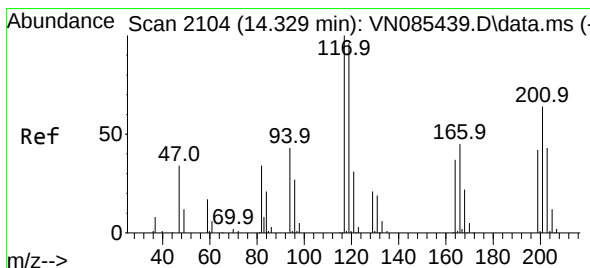
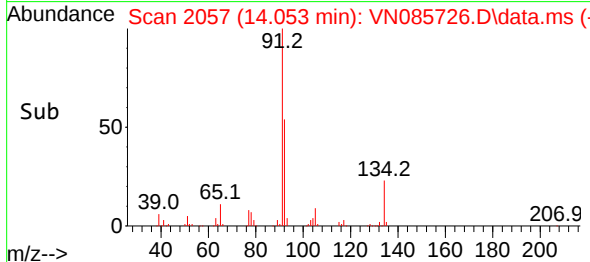
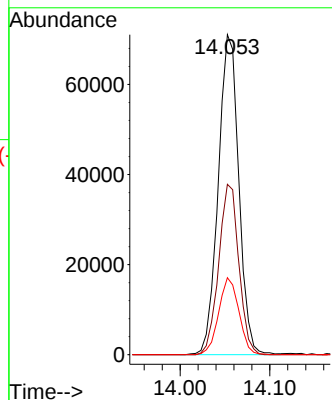
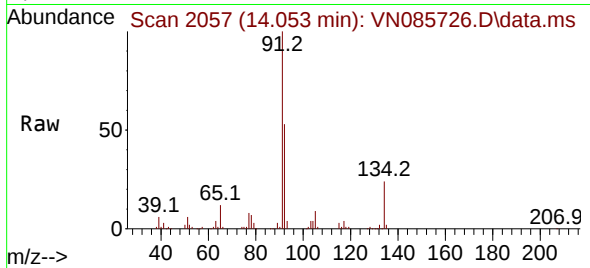
#89
n-Butylbenzene
Concen: 14.397 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01

Tgt Ion: 91 Resp: 11287
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.3
134 23.7 11.7 35.1

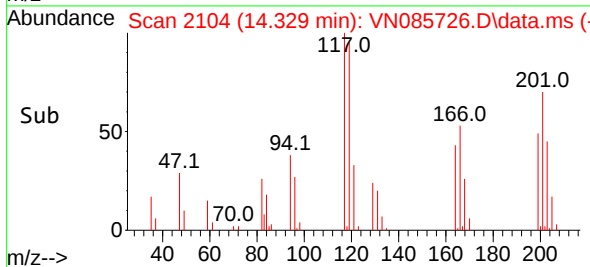
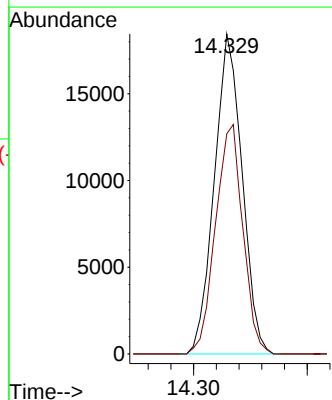
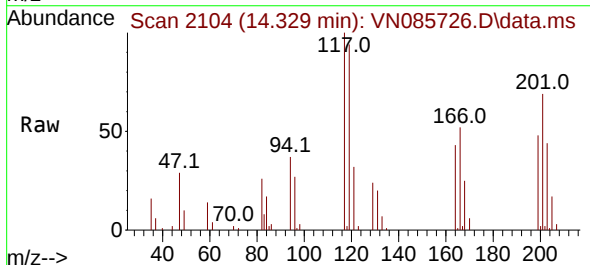
Manual Integrations
APPROVED

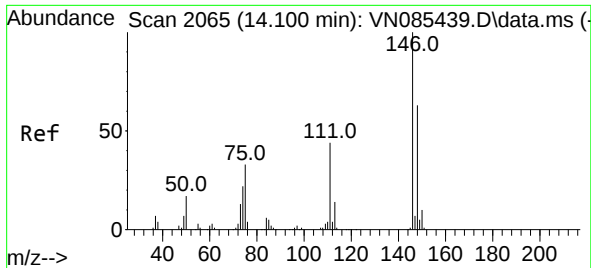
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#90
Hexachloroethane
Concen: 15.057 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Tgt Ion:117 Resp: 31326
Ion Ratio Lower Upper
117 100
201 70.6 33.7 101.0





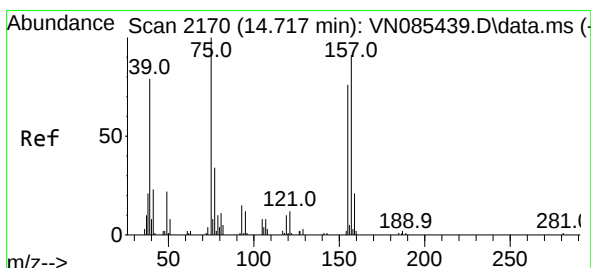
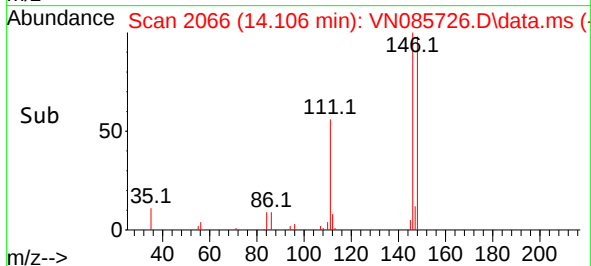
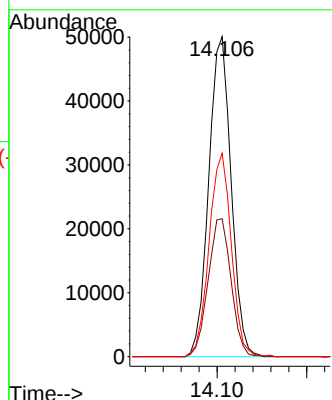
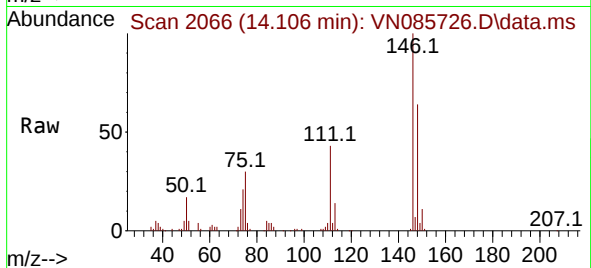
#91
1,2-Dichlorobenzene
Concen: 15.903 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210MBS01

Tgt Ion:146 Resp: 86762
Ion Ratio Lower Upper
146 100
111 44.1 21.7 65.1
148 63.1 31.4 94.2

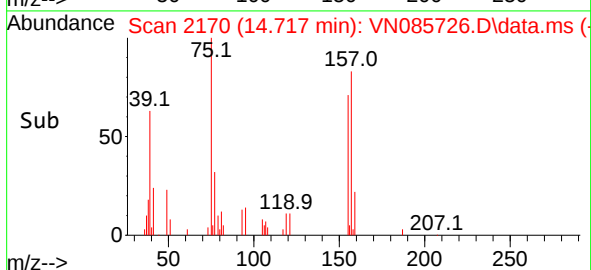
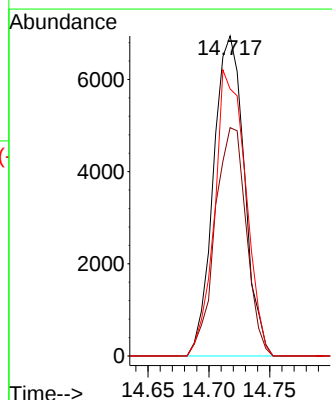
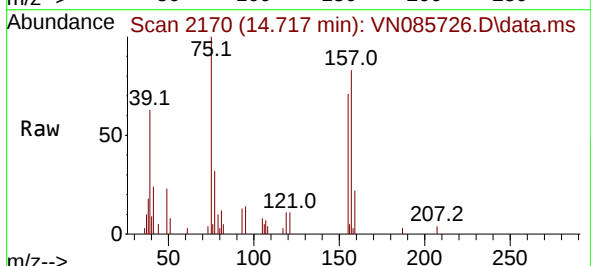
Manual Integrations
APPROVED

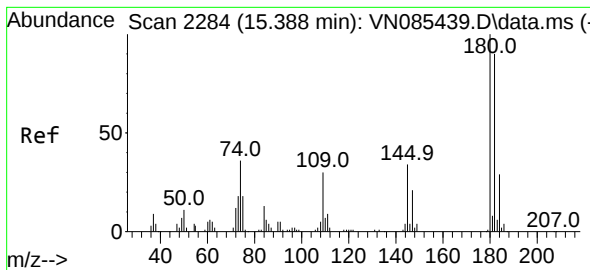
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.741 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

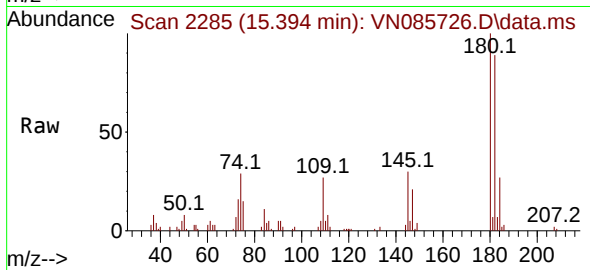
Tgt Ion: 75 Resp: 12275
Ion Ratio Lower Upper
75 100
155 72.1 36.4 109.2
157 89.7 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 14.117 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

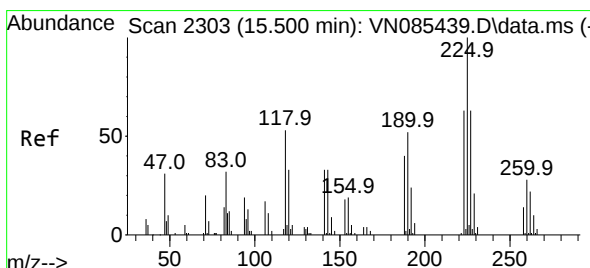
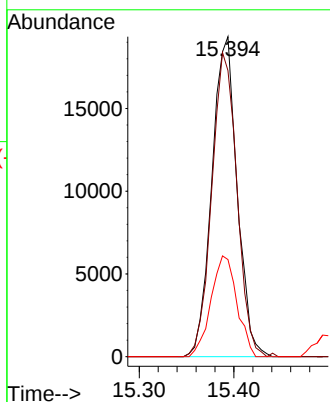
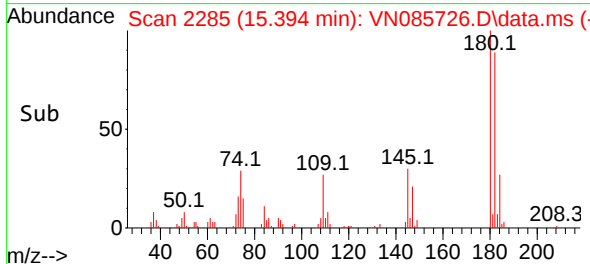
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



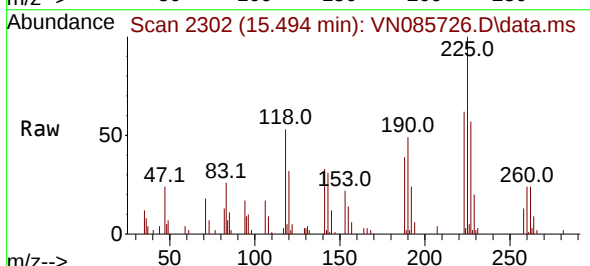
Tgt Ion:180 Resp: 35794
Ion Ratio Lower Upper
180 100
182 94.9 46.8 140.3
145 32.4 16.0 48.0

Manual Integrations
APPROVED

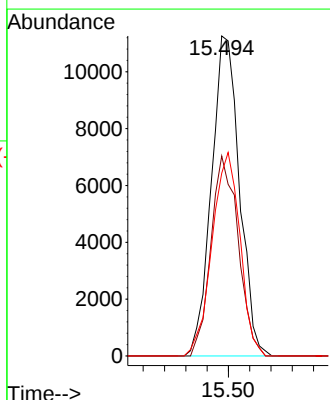
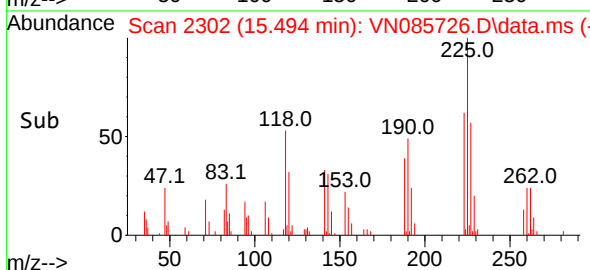
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

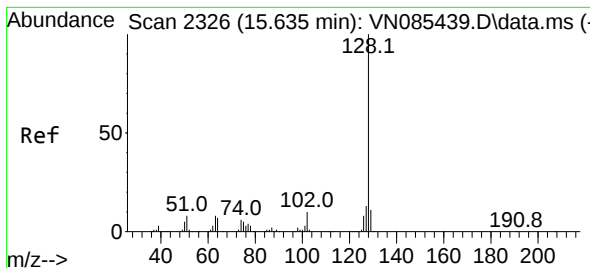


#94
Hexachlorobutadiene
Concen: 15.251 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



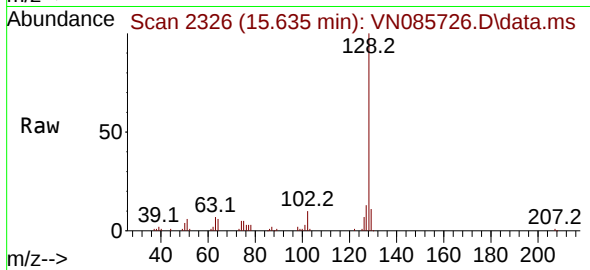
Tgt Ion:225 Resp: 20531
Ion Ratio Lower Upper
225 100
223 60.9 30.7 92.1
227 63.4 30.9 92.5





#95
Naphthalene
Concen: 13.464 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12

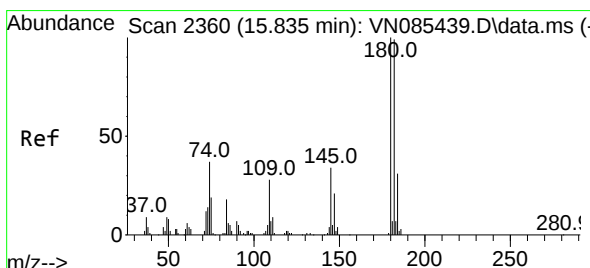
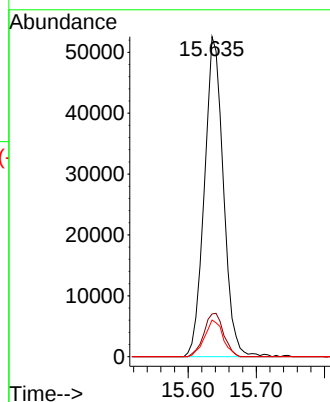
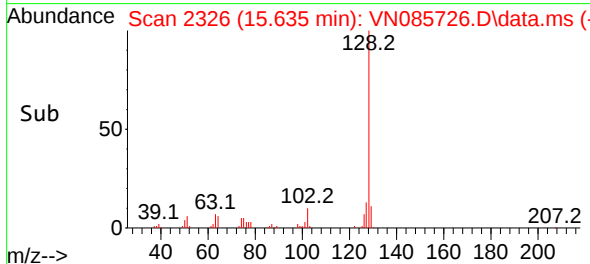
Instrument :
MSVOA_N
ClientSampleId :
VN0210MBSD01



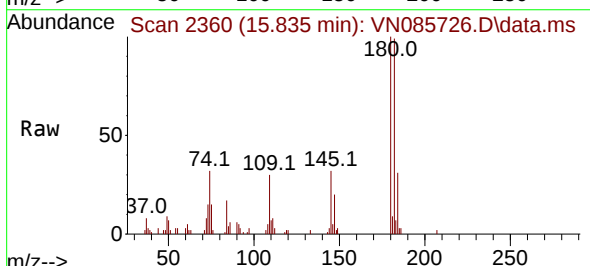
Tgt Ion:128 Resp: 101875
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 14.344 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085726.D
Acq: 10 Feb 2025 16:12



Tgt Ion:180 Resp: 36802
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 33.2 16.9 50.7

