

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083567.D
 Acq On : 30 Aug 2024 10:05
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 31 00:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	27071	10.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.600%#		
35) Dibromofluoromethane	8.165	113	19464	9.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.660%#		
50) Toluene-d8	10.565	98	73303	10.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.840%#		
62) 4-Bromofluorobenzene	12.847	95	27973	9.792	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	19.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20317	10.204	ug/l	99
3) Chloromethane	2.359	50	23209	10.006	ug/l	96
4) Vinyl Chloride	2.518	62	23295	10.035	ug/l	99
5) Bromomethane	2.906	94	12800	10.489	ug/l	92
6) Chloroethane	3.077	64	16436	10.835	ug/l #	87
7) Trichlorofluoromethane	3.471	101	38385	10.041	ug/l	96
8) Diethyl Ether	3.959	74	13632	9.975	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	20713	9.991	ug/l	97
10) Methyl Iodide	4.571	142	27437	9.784	ug/l	92
11) Tert butyl alcohol	5.536	59	20111	49.056	ug/l	99
12) 1,1-Dichloroethene	4.330	96	20260	9.830	ug/l	98
13) Acrolein	4.177	56	18495	47.685	ug/l	96
14) Allyl chloride	5.012	41	35411	9.636	ug/l	98
15) Acrylonitrile	5.724	53	50504	49.953	ug/l	100
16) Acetone	4.436	43	50095	47.776	ug/l	98
17) Carbon Disulfide	4.695	76	57037	9.496	ug/l	98
18) Methyl Acetate	5.018	43	26818	9.613	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	71931	9.839	ug/l	96
20) Methylene Chloride	5.271	84	21761	9.398	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	21698	10.107	ug/l	95
22) Diisopropyl ether	6.665	45	71810	9.911	ug/l	97
23) Vinyl Acetate	6.600	43	265931	49.524	ug/l	100
24) 1,1-Dichloroethane	6.559	63	40828	9.881	ug/l	99
25) 2-Butanone	7.483	43	72944	51.095	ug/l	96
26) 2,2-Dichloropropane	7.483	77	37325	9.702	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	25043	9.775	ug/l	98
28) Bromochloromethane	7.806	49	16627	8.617	ug/l	97
29) Tetrahydrofuran	7.841	42	43793	49.455	ug/l	99
30) Chloroform	7.971	83	42535	9.770	ug/l	89
31) Cyclohexane	8.253	56	40018	9.839	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	39030	9.915	ug/l	93
36) 1,1-Dichloropropene	8.365	75	28978	9.593	ug/l	99
37) Ethyl Acetate	7.559	43	29791	9.910	ug/l	98
38) Carbon Tetrachloride	8.359	117	34452	9.996	ug/l	98
39) Methylcyclohexane	9.600	83	35532	9.803	ug/l	98
40) Benzene	8.606	78	92197	9.922	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	16980	9.898	ug/l	98
42) 1,2-Dichloroethane	8.671	62	33768	9.804	ug/l	99
43) Isopropyl Acetate	8.688	43	68379	10.406	ug/l #	90
44) Trichloroethene	9.347	130	21113	9.445	ug/l	88
45) 1,2-Dichloropropane	9.618	63	22082	10.201	ug/l	99
46) Dibromomethane	9.706	93	15844	9.921	ug/l	98
47) Bromodichloromethane	9.888	83	33447	9.839	ug/l	96
48) Methyl methacrylate	9.682	41	24253	9.836	ug/l	98
49) 1,4-Dioxane	9.700	88	7933	196.345	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	139351	49.859	ug/l	99
52) Toluene	10.630	92	56872	9.786	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	34809	9.891	ug/l	89
54) cis-1,3-Dichloropropene	10.312	75	36214	9.804	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	20150	9.714	ug/l	99
56) Ethyl methacrylate	10.871	69	33631	9.801	ug/l	99
57) 1,3-Dichloropropane	11.165	76	36565	9.957	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	72007	48.293	ug/l	99
59) 2-Hexanone	11.194	43	103079	49.144	ug/l	99
60) Dibromochloromethane	11.359	129	23992	9.982	ug/l	96
61) 1,2-Dibromoethane	11.465	107	20566	9.705	ug/l	99
64) Tetrachloroethene	11.106	164	18199	10.047	ug/l	98
65) Chlorobenzene	11.888	112	60087	9.723	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	20458	9.805	ug/l	95
67) Ethyl Benzene	11.965	91	105880	9.598	ug/l	99
68) m/p-Xylenes	12.071	106	82268	19.796	ug/l	96
69) o-Xylene	12.394	106	40071	9.976	ug/l	97
70) Styrene	12.412	104	65058	9.633	ug/l	99
71) Bromoform	12.576	173	14234	9.577	ug/l #	99
73) Isopropylbenzene	12.694	105	101701	9.960	ug/l	98
74) N-amyl acetate	12.494	43	42945	9.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	28918	9.976	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	22064m	8.263	ug/l	
77) Bromobenzene	12.976	156	23636	9.866	ug/l	98
78) n-propylbenzene	13.035	91	114994	9.741	ug/l	100
79) 2-Chlorotoluene	13.123	91	75083	9.815	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	83610	9.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	10762	9.965	ug/l	95
82) 4-Chlorotoluene	13.223	91	77442	9.965	ug/l	99
83) tert-Butylbenzene	13.435	119	76066	9.946	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	85225	9.843	ug/l	98
85) sec-Butylbenzene	13.612	105	100214	9.859	ug/l	100
86) p-Isopropyltoluene	13.729	119	83606	9.848	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	45185	9.717	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	46187	9.666	ug/l	98
89) n-Butylbenzene	14.053	91	71655	9.595	ug/l	100
90) Hexachloroethane	14.335	117	16490	9.978	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	43525	9.719	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6388	10.161	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	23218	9.143	ug/l	97
94) Hexachlorobutadiene	15.500	225	10121	9.952	ug/l	98
95) Naphthalene	15.641	128	77822	9.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	23797	9.381	ug/l	99

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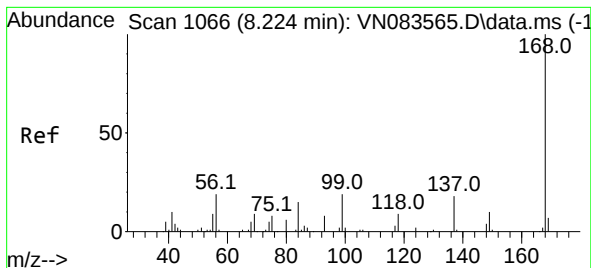
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:23:16 2024
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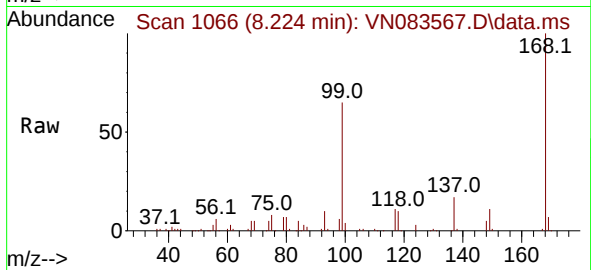
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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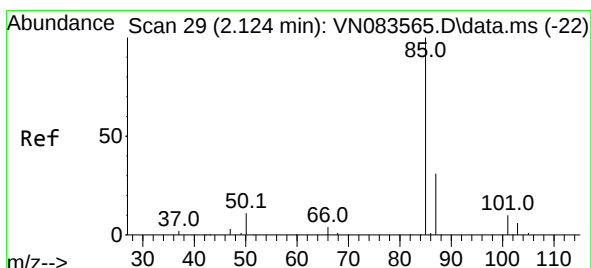
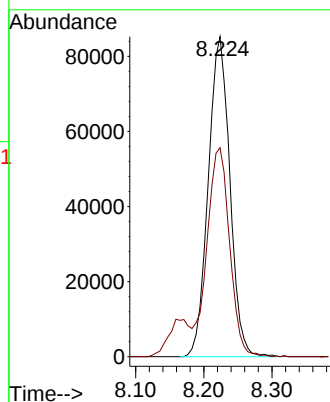
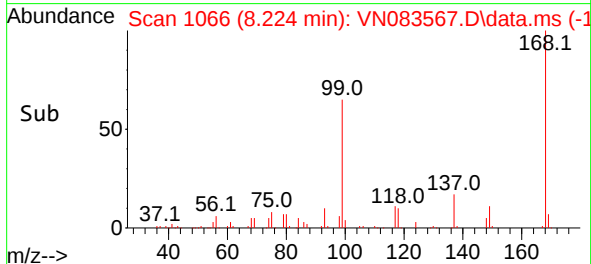
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 188134
Ion Ratio Lower Upper
168 100
99 65.3 54.2 81.2

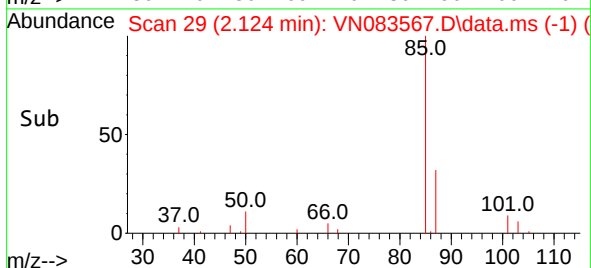
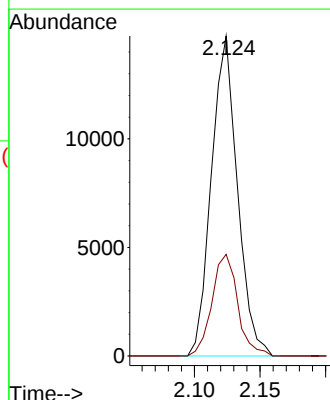
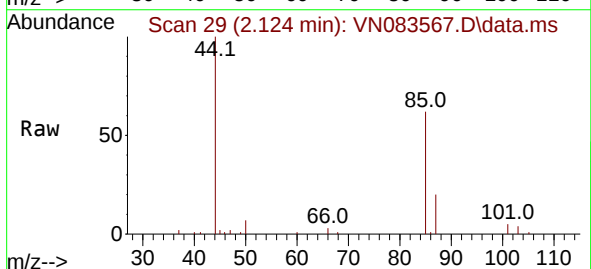
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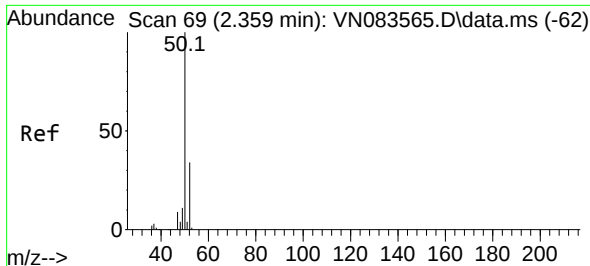
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#2
Dichlorodifluoromethane
Concen: 10.204 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

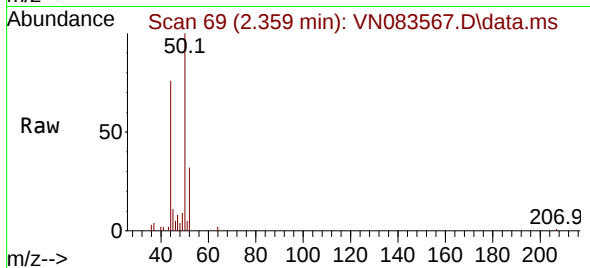
Tgt Ion: 85 Resp: 20317
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





#3
Chloromethane
Concen: 10.006 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

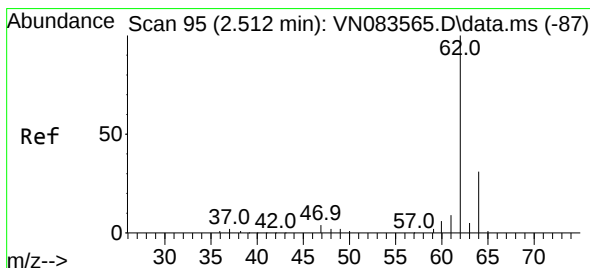
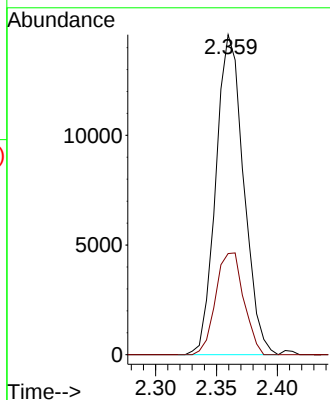
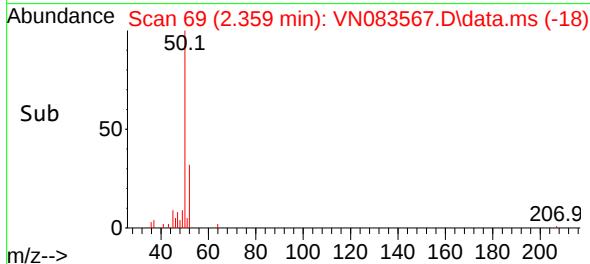
Instrument :
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Tgt Ion: 50 Resp: 23209
Ion Ratio Lower Upper
50 100
52 31.6 27.2 40.8

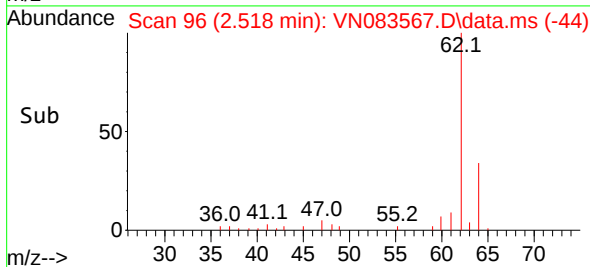
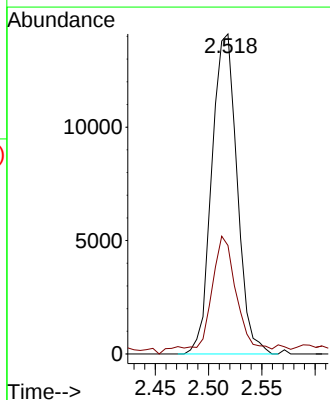
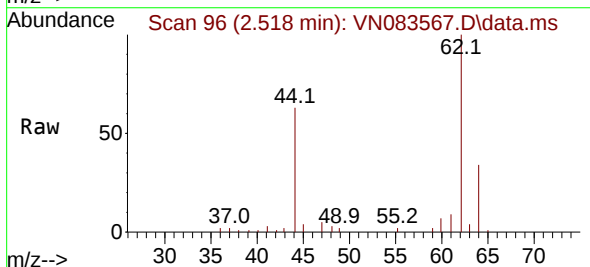
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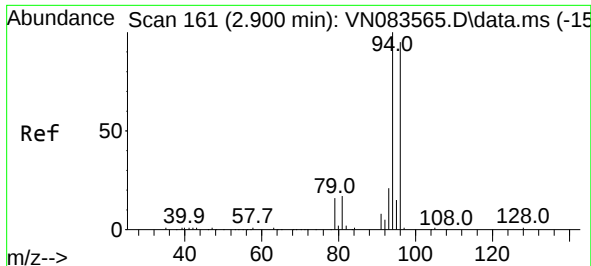
Reviewed By :John Carlone 09/03/2024
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#4
Vinyl Chloride
Concen: 10.035 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 62 Resp: 23295
Ion Ratio Lower Upper
62 100
64 31.6 24.7 37.1





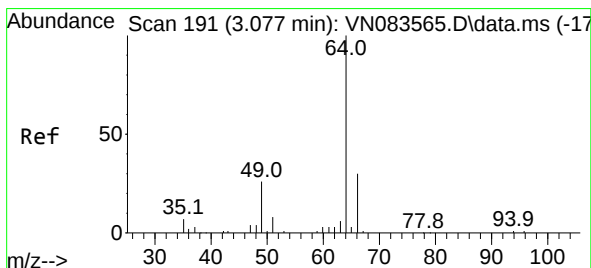
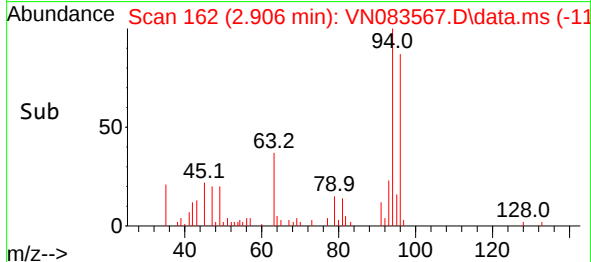
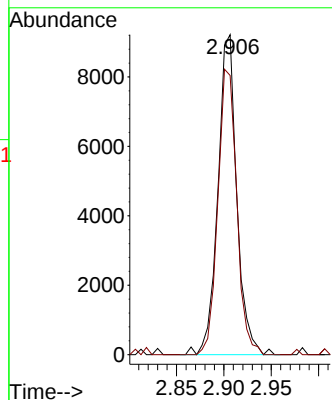
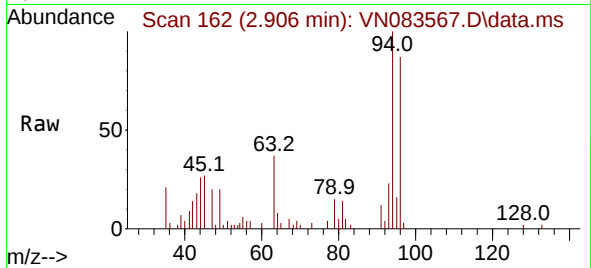
#5
Bromomethane
Concen: 10.489 ug/l
RT: 2.906 min Scan# 161
Delta R.T. 0.006 min
Lab File: VN083567.D
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Tgt Ion: 94 Resp: 12800
Ion Ratio Lower Upper
94 100
96 87.3 76.0 114.0

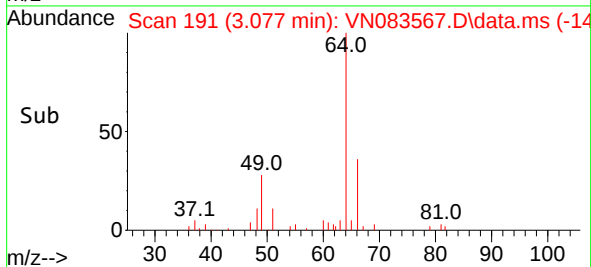
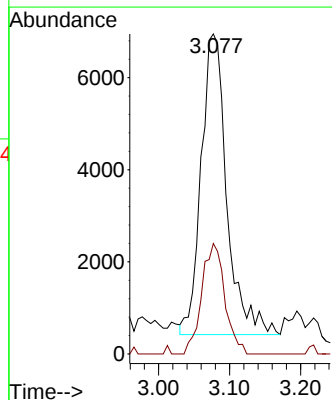
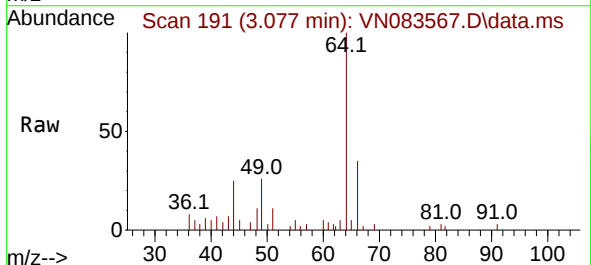
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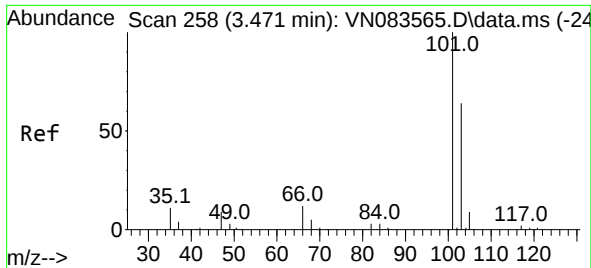
Reviewed By :John Carlone 09/03/2024
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#6
Chloroethane
Concen: 10.835 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.000 min
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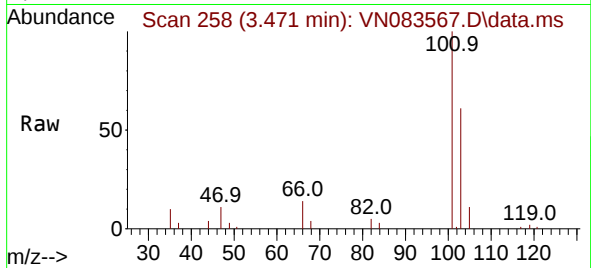
Tgt Ion: 64 Resp: 16436
Ion Ratio Lower Upper
64 100
66 36.7 23.9 35.9#





#7
 Trichlorofluoromethane
 Concen: 10.041 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VN083567.D
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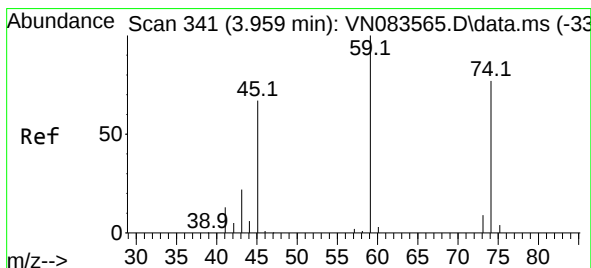
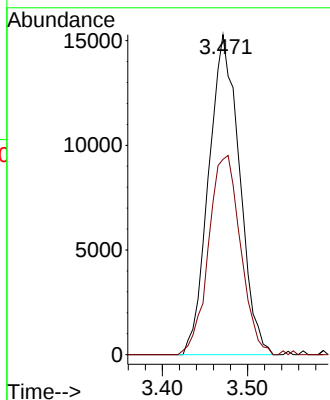
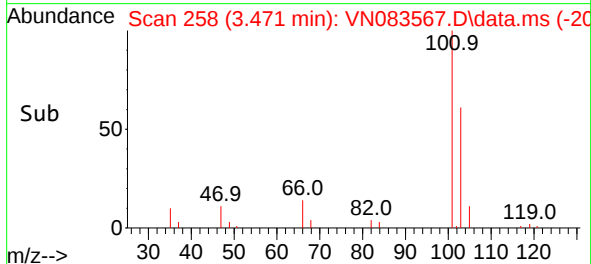
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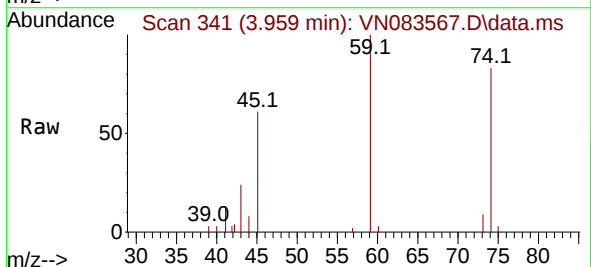
Tgt Ion:101 Resp: 3838
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.4 77.0

Manual Integrations
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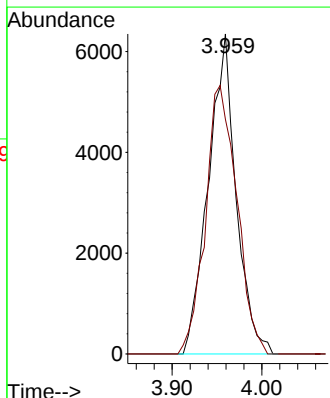
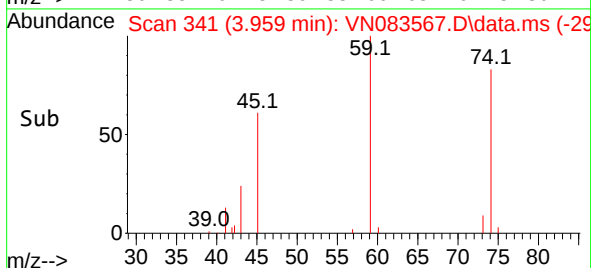
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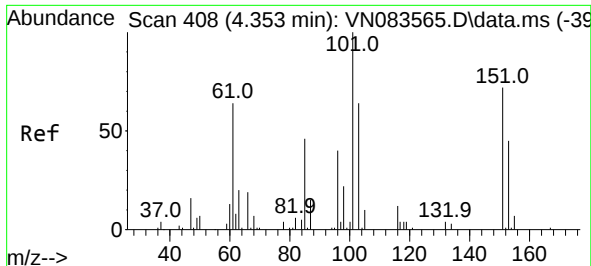


#8
 Diethyl Ether
 Concen: 9.975 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 13632
 Ion Ratio Lower Upper
 74 100
 45 94.9 46.7 140.1





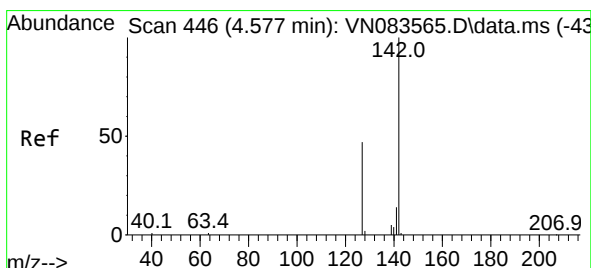
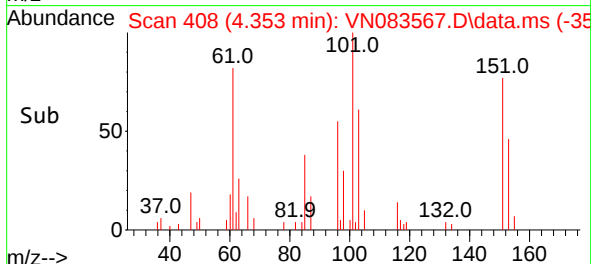
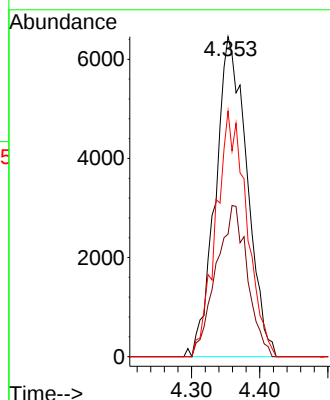
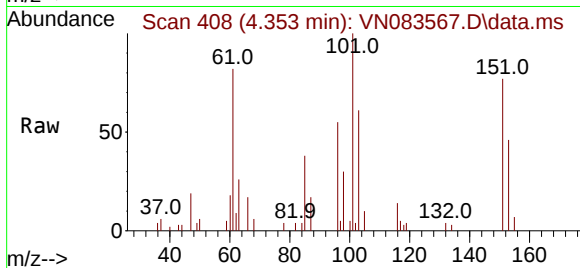
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.991 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 2071
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 75.2 57.7 86.5

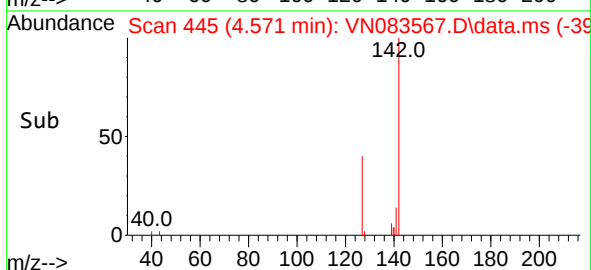
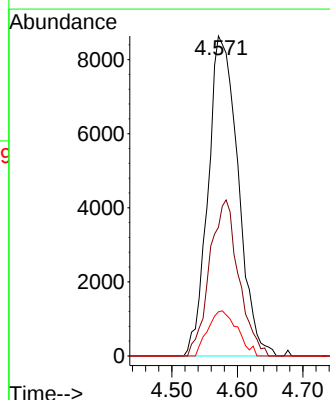
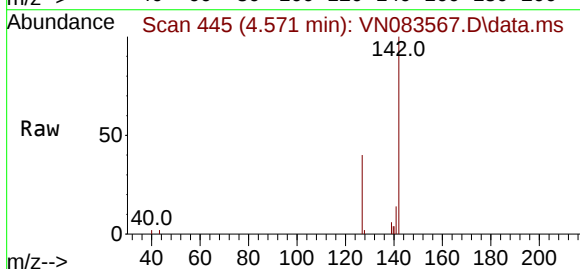
Manual Integrations
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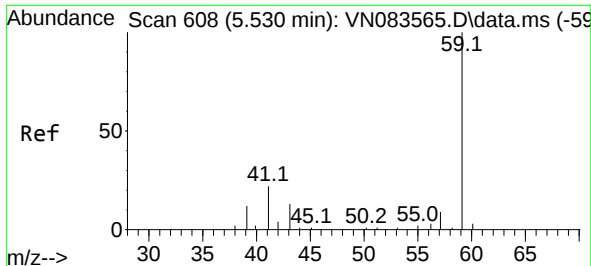
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#10
Methyl Iodide
Concen: 9.784 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

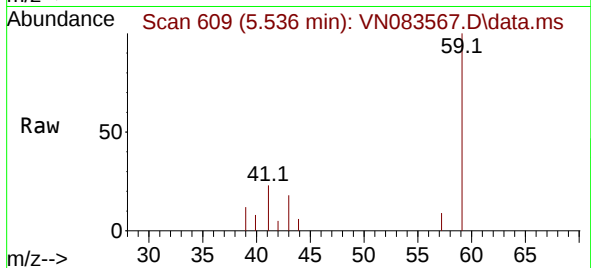
Tgt Ion:142 Resp: 27437
Ion Ratio Lower Upper
142 100
127 40.2 37.5 56.3
141 13.8 11.0 16.4





#11
Tert butyl alcohol
Concen: 49.056 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

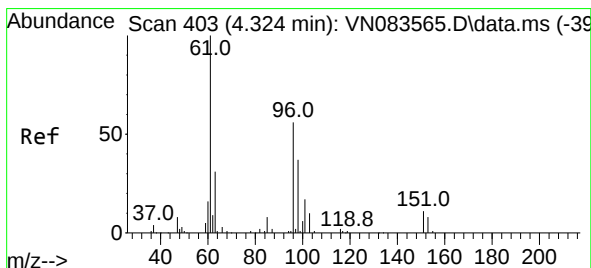
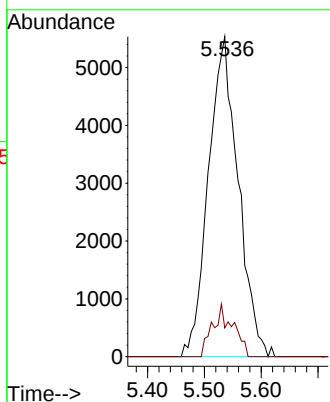
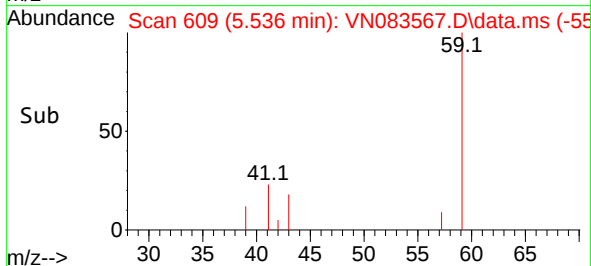
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



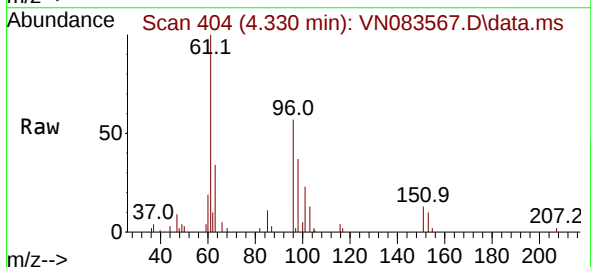
Tgt Ion: 59 Resp: 2011
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1

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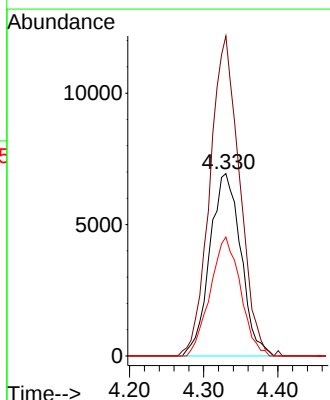
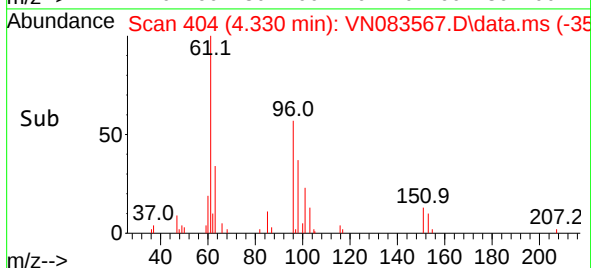
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

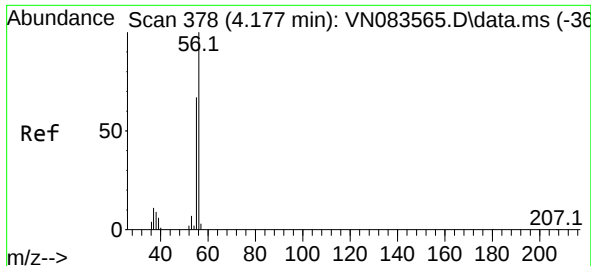


#12
1,1-Dichloroethene
Concen: 9.830 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05



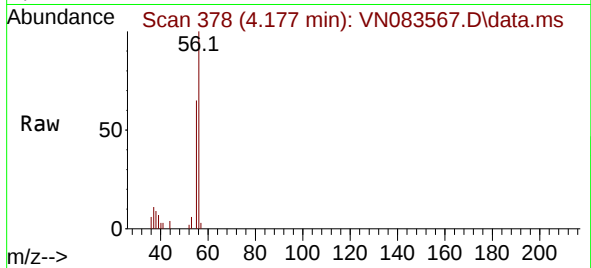
Tgt Ion: 96 Resp: 20260
Ion Ratio Lower Upper
96 100
61 175.4 143.4 215.0
98 65.2 52.7 79.1





#13
Acrolein
Concen: 47.685 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

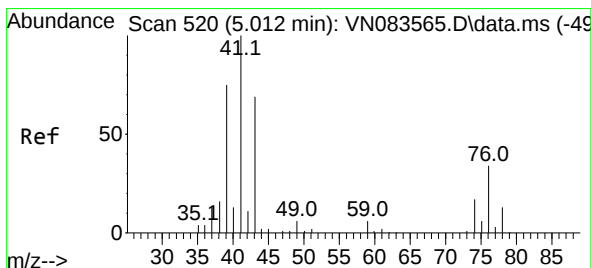
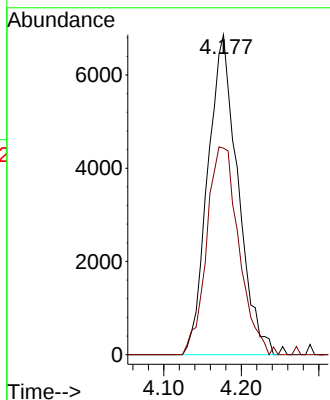
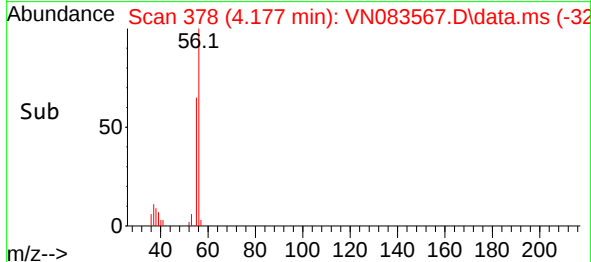
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



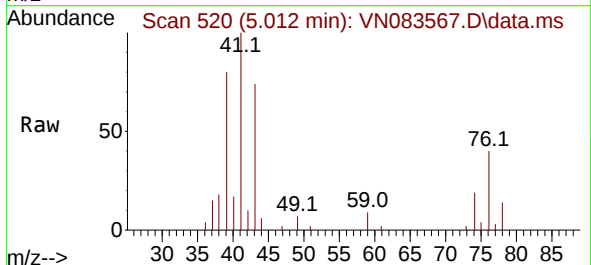
Tgt Ion: 56 Resp: 1849
Ion Ratio Lower Upper
56 100
55 69.7 58.2 87.2

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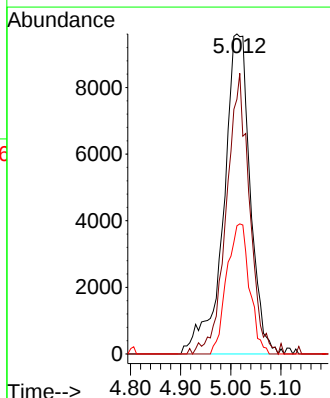
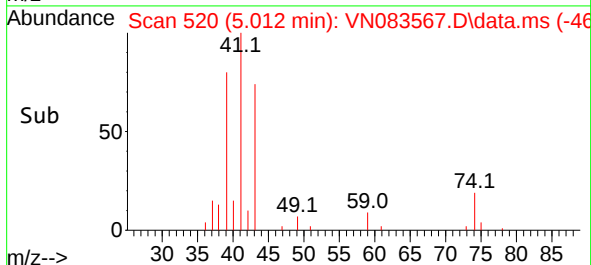
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

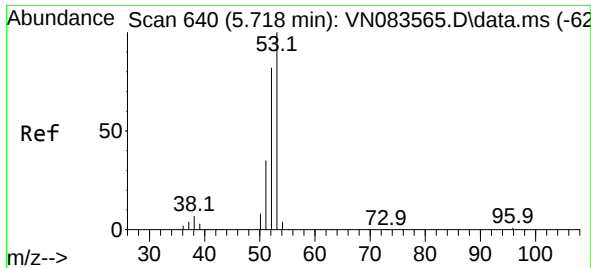


#14
Allyl chloride
Concen: 9.636 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05



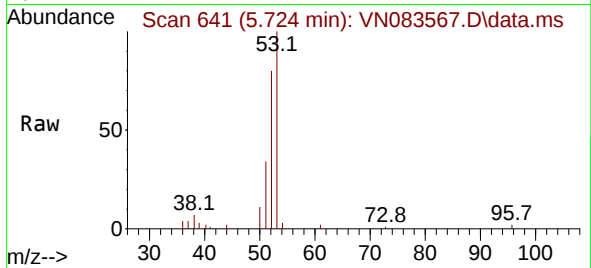
Tgt Ion: 41 Resp: 35411
Ion Ratio Lower Upper
41 100
39 76.2 59.3 88.9
76 34.8 27.7 41.5





#15
Acrylonitrile
Concen: 49.953 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

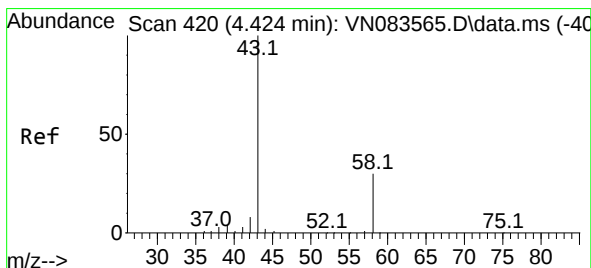
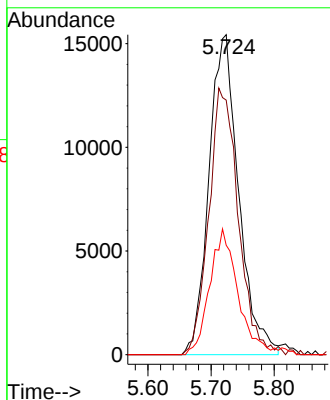
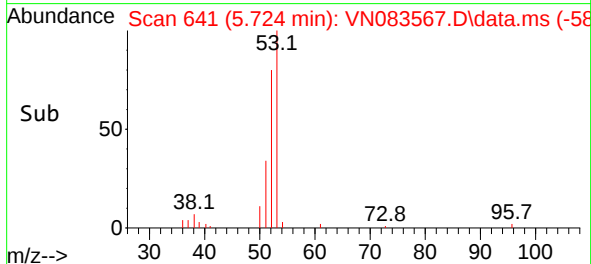
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



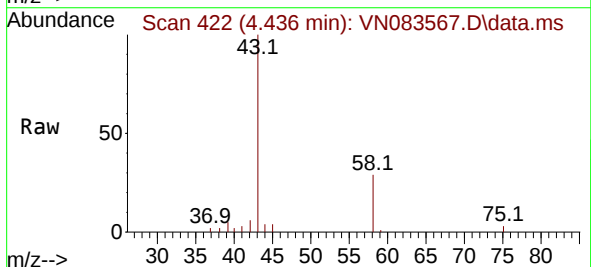
Tgt Ion: 53 Resp: 50504
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.0 29.6 44.4

Manual Integrations
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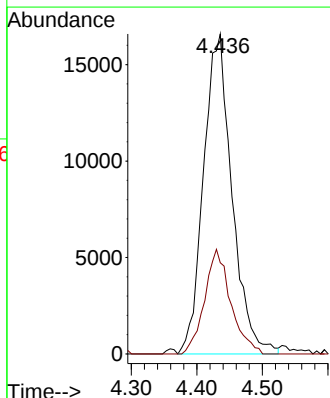
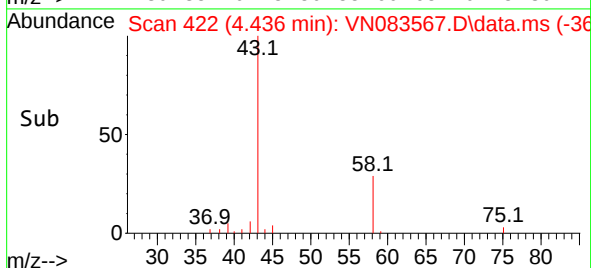
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

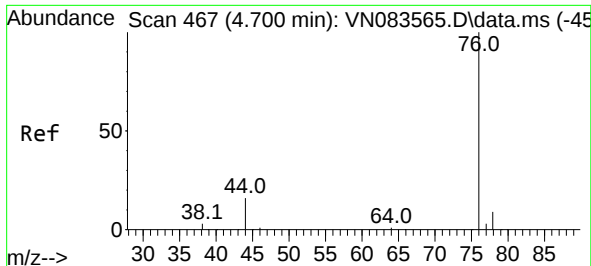


#16
Acetone
Concen: 47.776 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05



Tgt Ion: 43 Resp: 50095
Ion Ratio Lower Upper
43 100
58 28.5 23.7 35.5





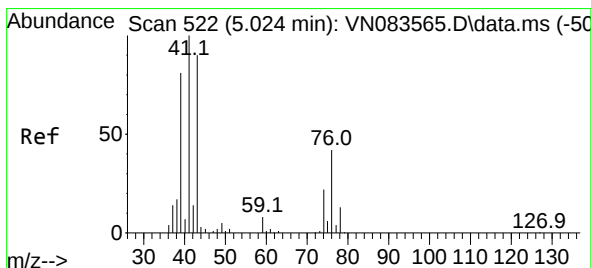
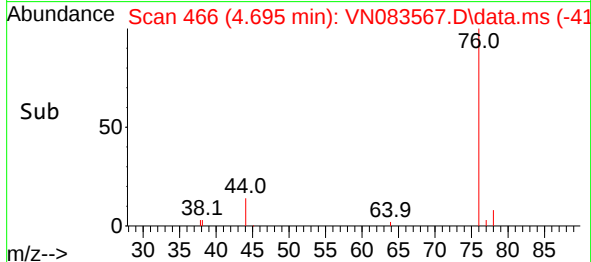
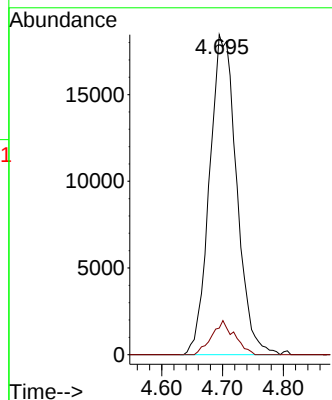
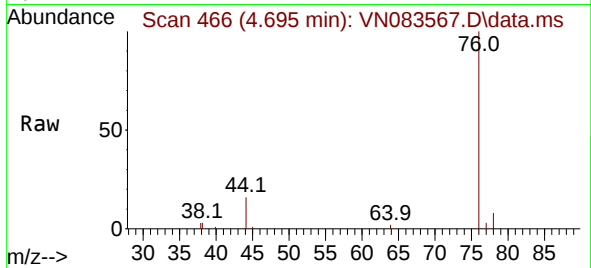
#17
Carbon Disulfide
Concen: 9.496 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 5703
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

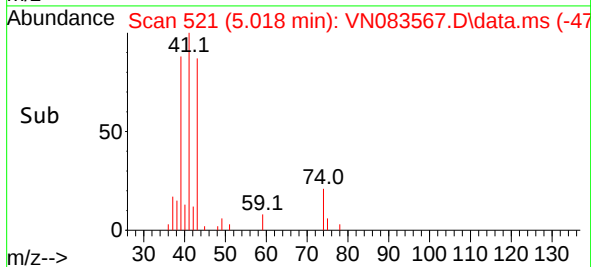
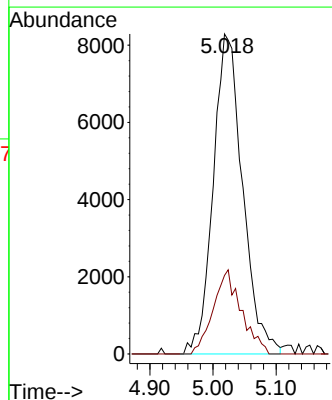
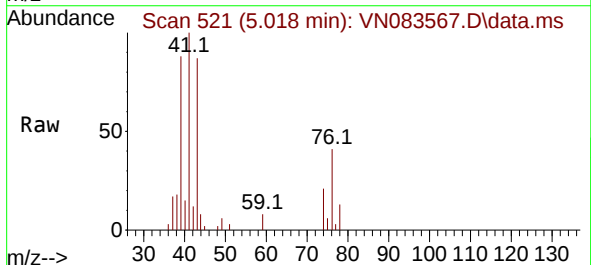
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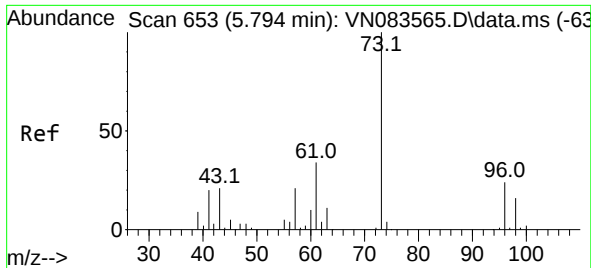
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#18
Methyl Acetate
Concen: 9.613 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 43 Resp: 26818
Ion Ratio Lower Upper
43 100
74 25.1 19.0 28.4





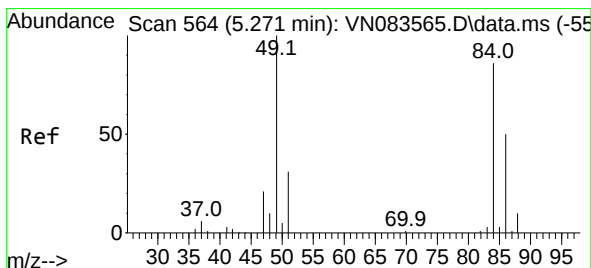
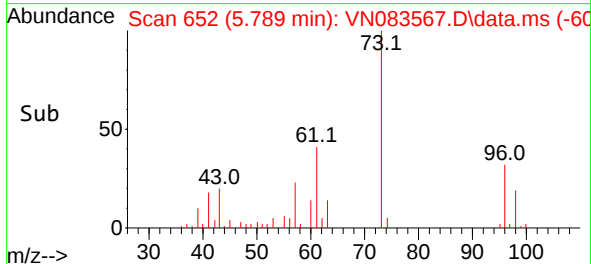
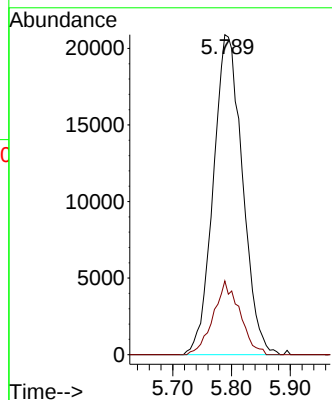
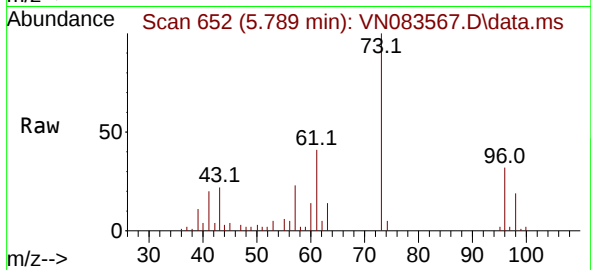
#19
Methyl tert-butyl Ether
Concen: 9.839 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 7193
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6

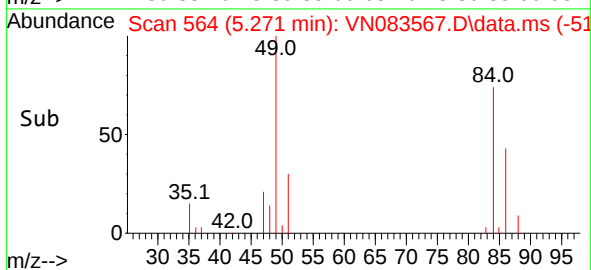
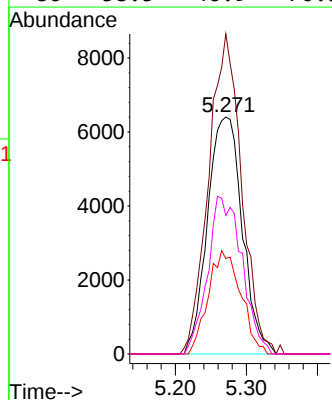
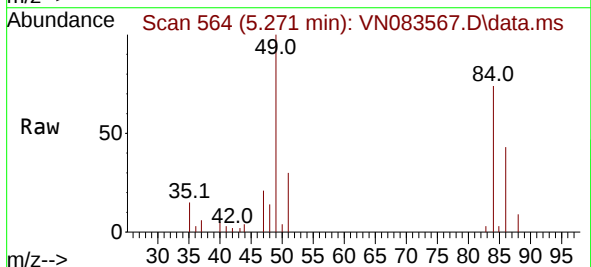
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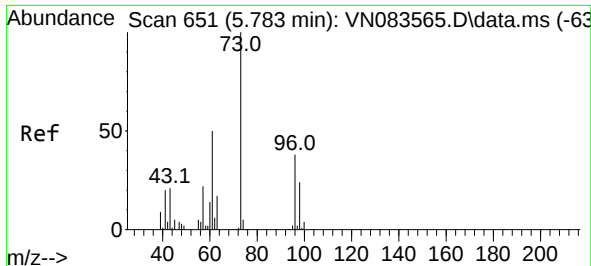
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#20
Methylene Chloride
Concen: 9.398 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

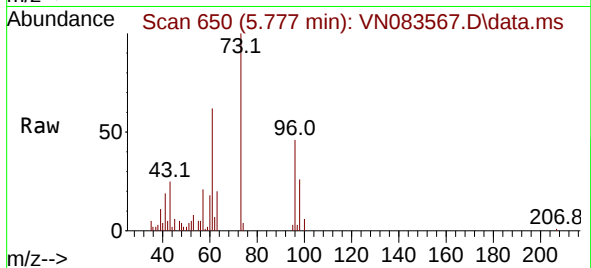
Tgt Ion: 84 Resp: 21761
Ion Ratio Lower Upper
84 100
49 135.1 93.4 140.0
51 40.3 29.2 43.8
86 58.5 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 10.107 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

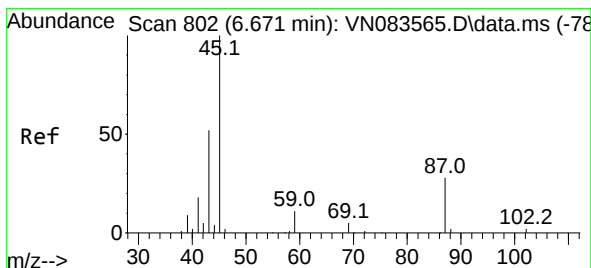
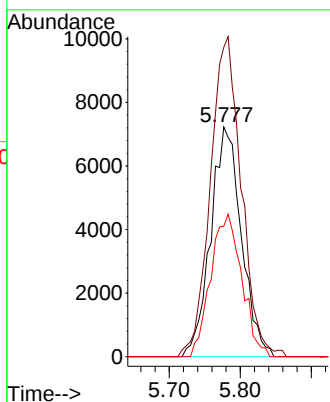
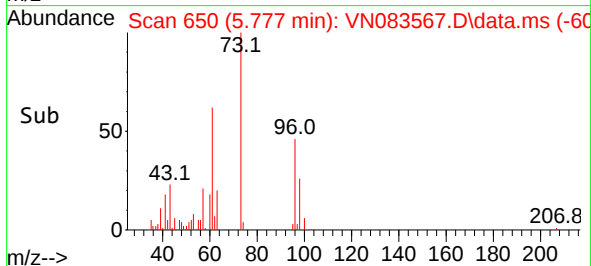
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 21698
Ion Ratio Lower Upper
96 100
61 134.8 106.0 159.0
98 56.9 52.2 78.2

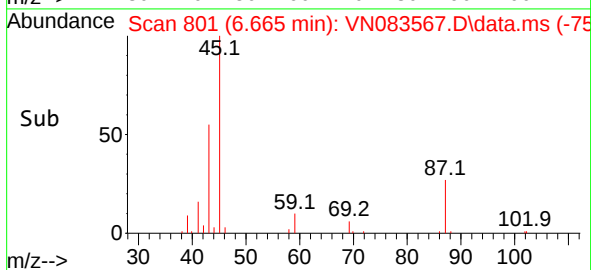
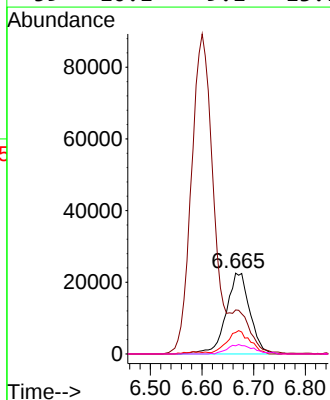
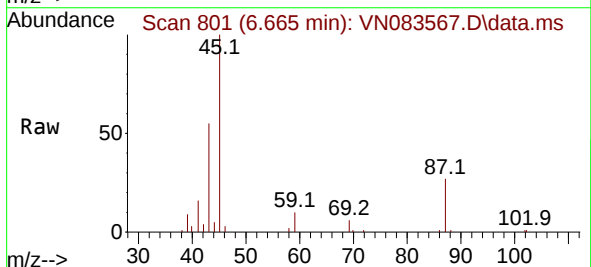
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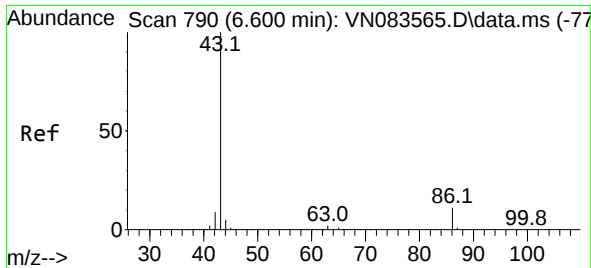
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#22
Diisopropyl ether
Concen: 9.911 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 45 Resp: 71810
Ion Ratio Lower Upper
45 100
43 52.1 43.4 65.0
87 26.5 22.6 33.8
59 10.1 9.1 13.7





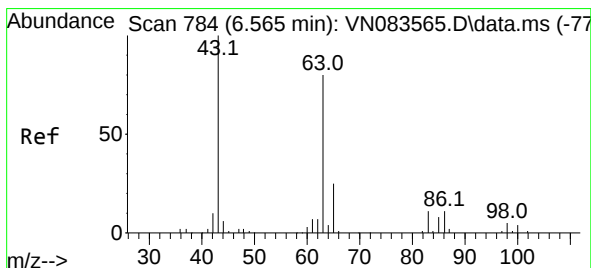
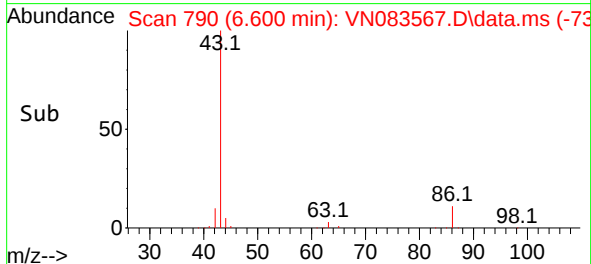
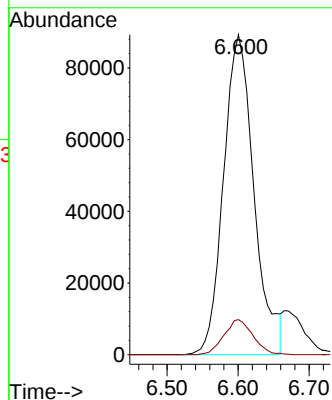
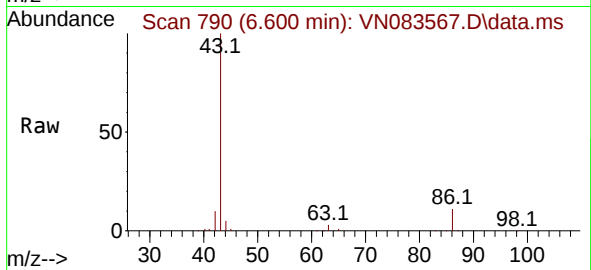
#23
 Vinyl Acetate
 Concen: 49.524 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083567.D
 Acq: 30 Aug 2024 10:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 26593
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.7 13.1

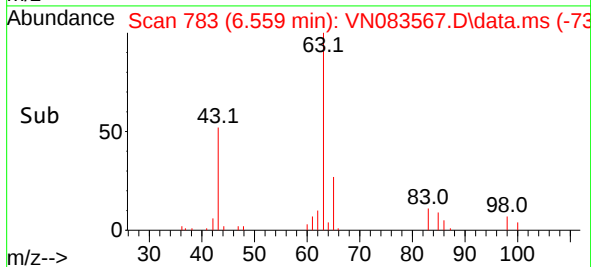
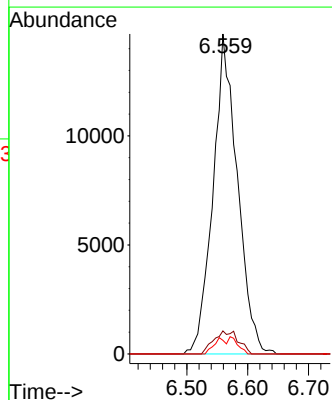
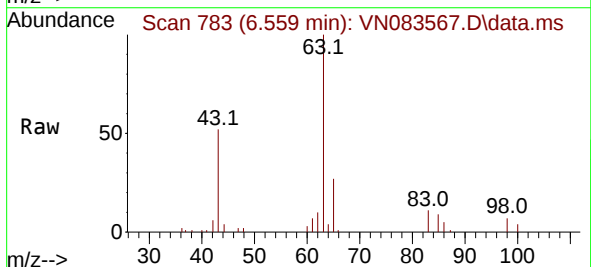
Manual Integrations
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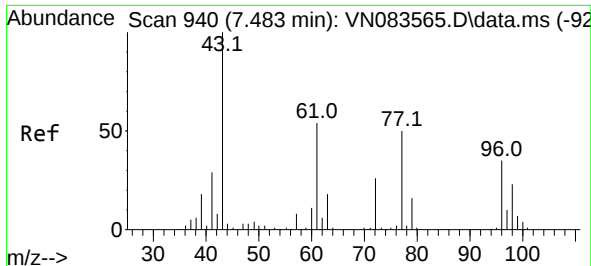
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#24
 1,1-Dichloroethane
 Concen: 9.881 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN083567.D
 Acq: 30 Aug 2024 10:05

Tgt Ion: 63 Resp: 40828
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.3 2.5 7.5





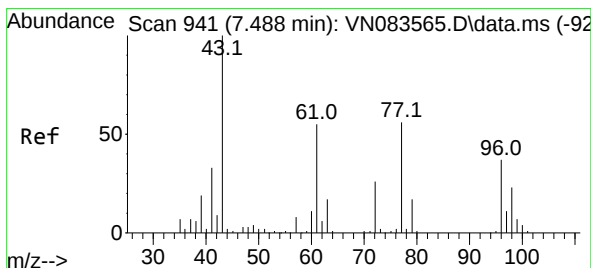
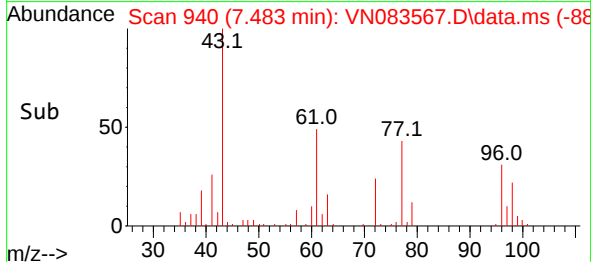
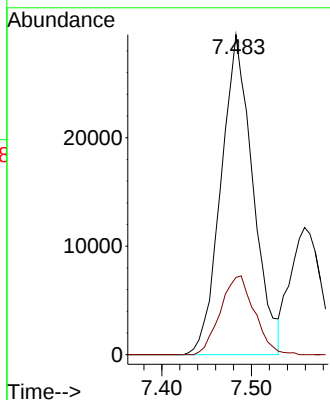
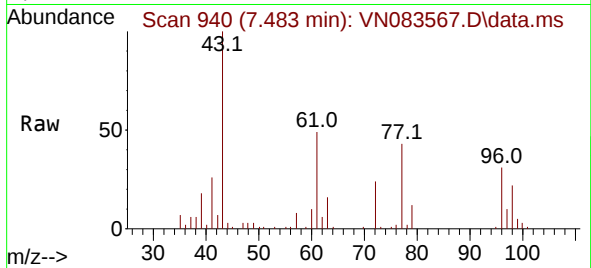
#25
2-Butanone
Concen: 51.095 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 72944
Ion Ratio Lower Upper
43 100
72 24.2 20.8 31.2

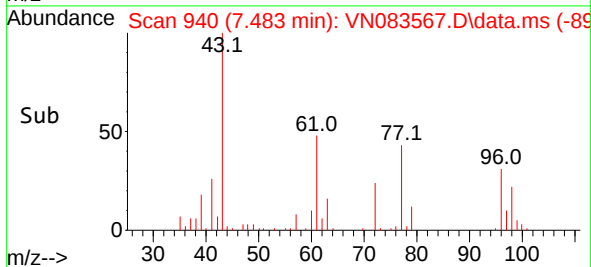
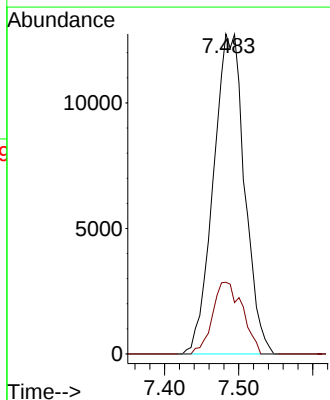
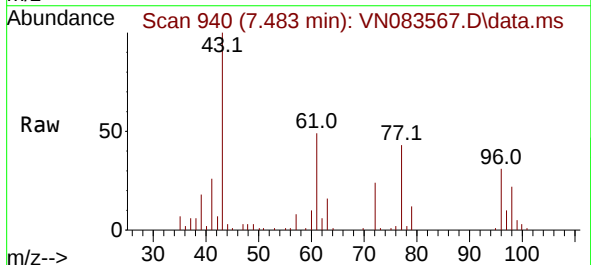
Manual Integrations
APPROVED

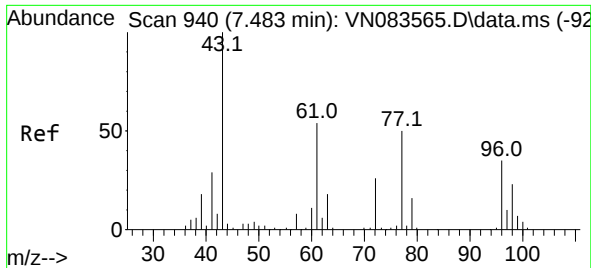
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#26
2,2-Dichloropropane
Concen: 9.702 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 77 Resp: 37325
Ion Ratio Lower Upper
77 100
97 21.5 10.2 30.4





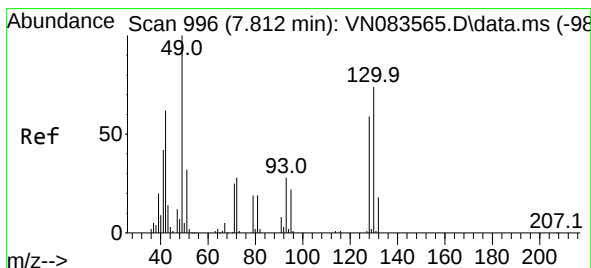
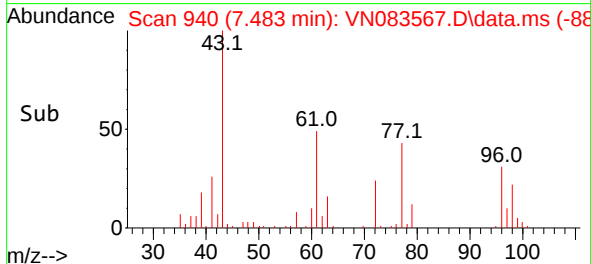
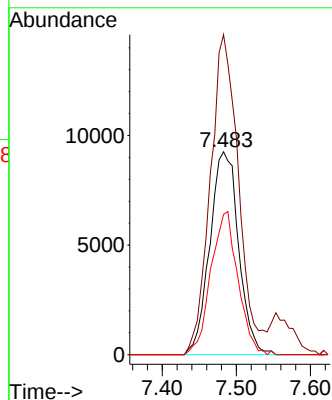
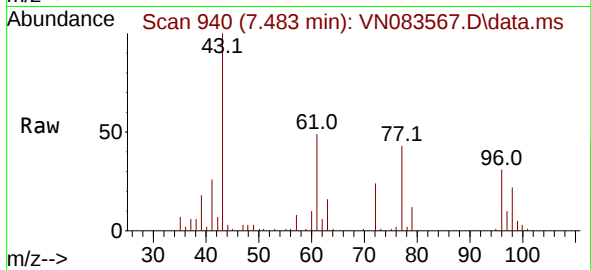
#27
 cis-1,2-Dichloroethene
 Concen: 9.775 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083567.D
 Acq: 30 Aug 2024 10:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 2504
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 306.2
 98 66.4 0.0 128.6

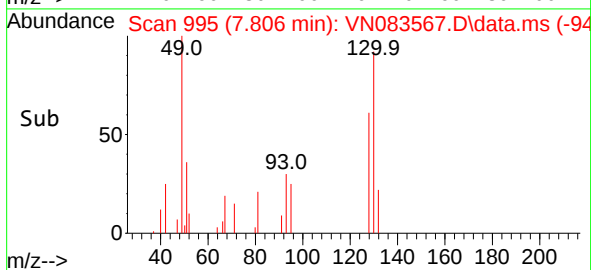
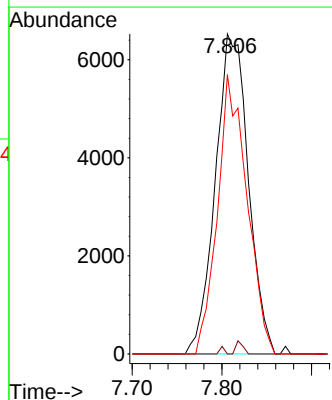
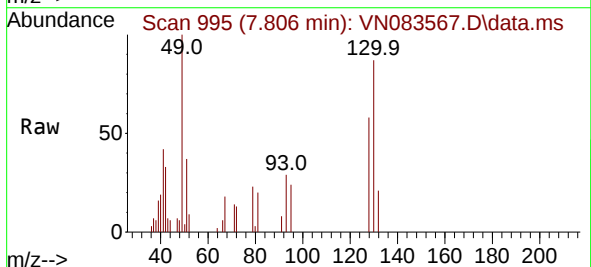
Manual Integrations
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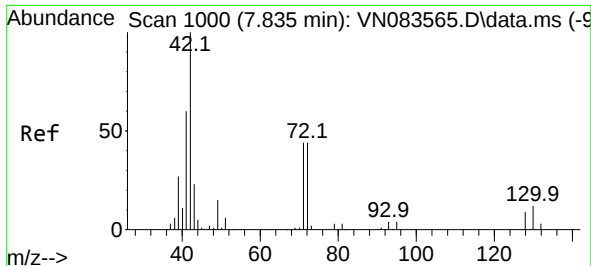
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#28
 Bromochloromethane
 Concen: 8.617 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083567.D
 Acq: 30 Aug 2024 10:05

Tgt Ion: 49 Resp: 16627
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.4
 130 78.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 49.455 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

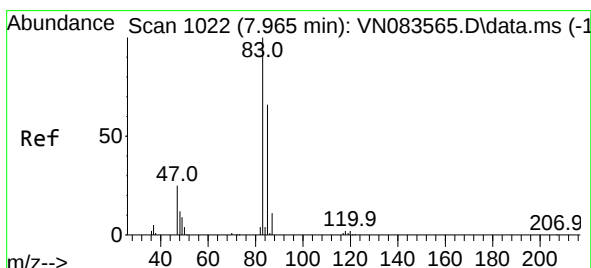
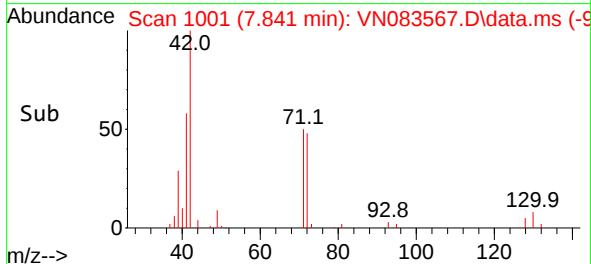
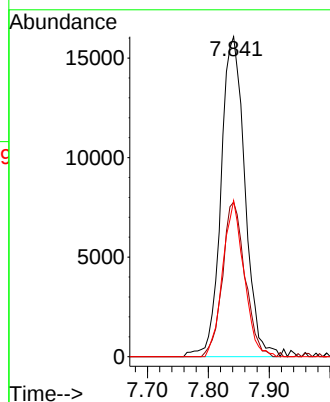
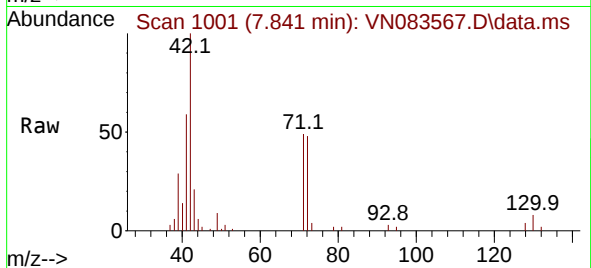
Tgt Ion:	42	Resp:	4379
Ion Ratio	Lower	Upper	
42	100		
72	45.5	35.9	53.9
71	43.5	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#30

Chloroform

Concen: 9.770 ug/l

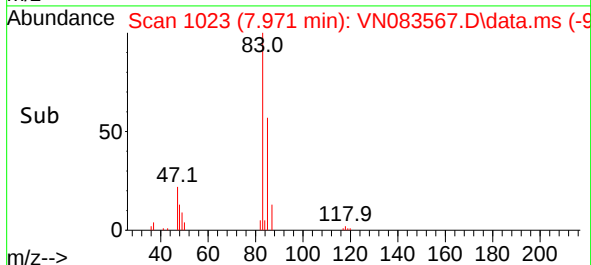
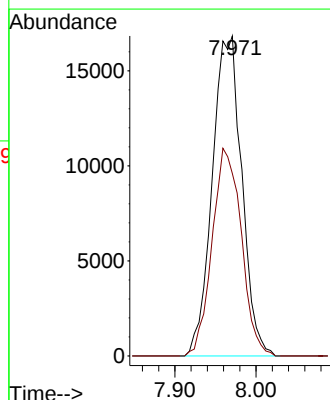
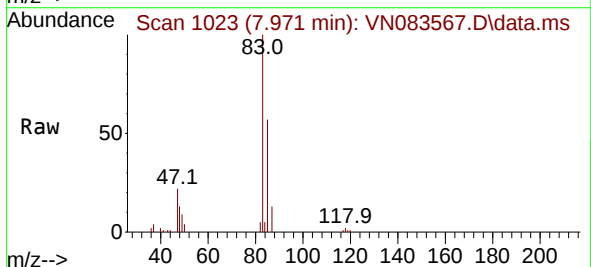
RT: 7.971 min Scan# 1023

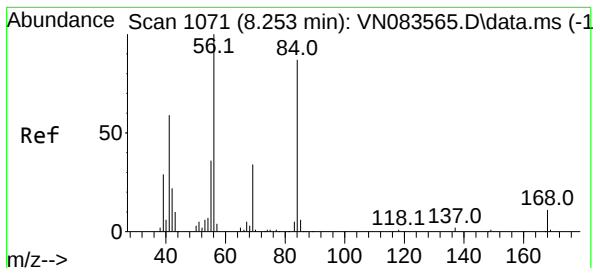
Delta R.T. 0.006 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Tgt Ion:	83	Resp:	42535
Ion Ratio	Lower	Upper	
83	100		
85	57.0	52.8	79.2





#31

Cyclohexane

Concen: 9.839 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 40018

Ion Ratio Lower Upper

56 100

69 30.3 26.9 40.3

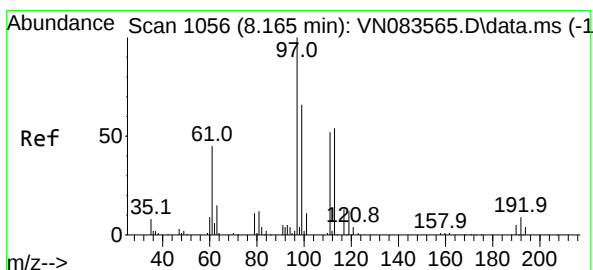
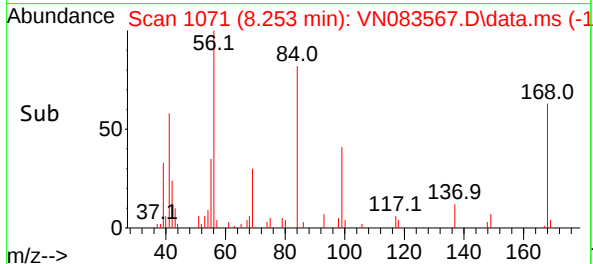
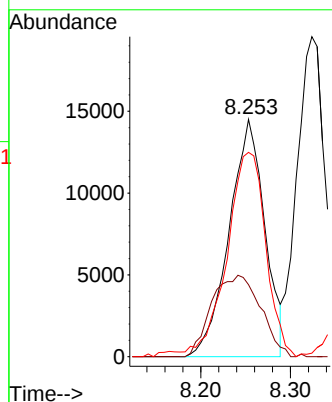
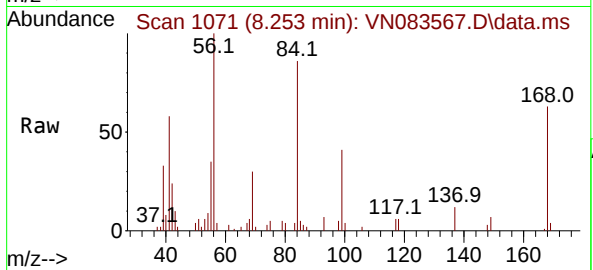
84 84.2 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#32

1,1,1-Trichloroethane

Concen: 9.915 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

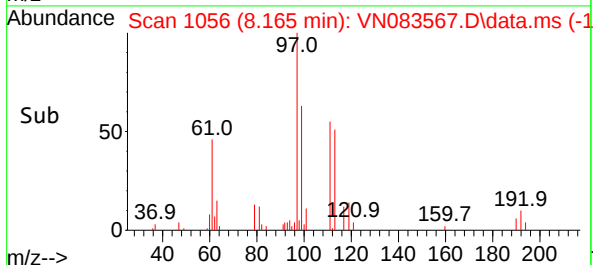
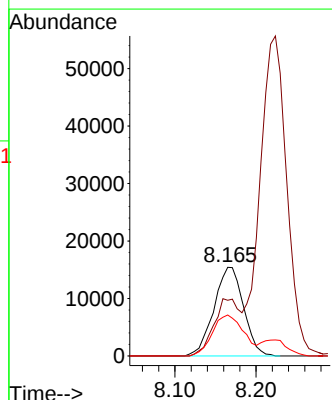
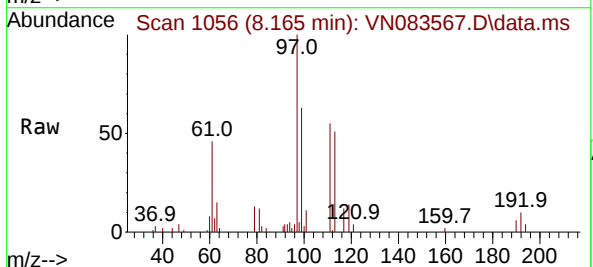
Tgt Ion: 97 Resp: 39030

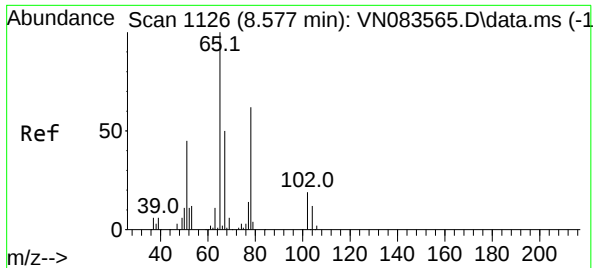
Ion Ratio Lower Upper

97 100

99 57.5 52.3 78.5

61 49.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 10.296 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 2707

Ion Ratio Lower Upper

65 100

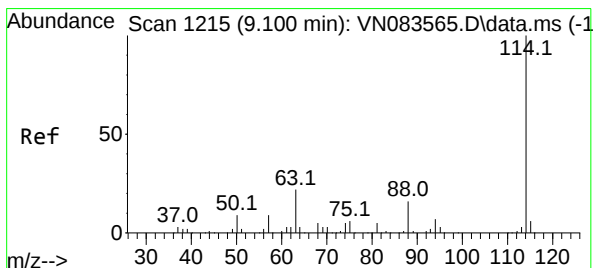
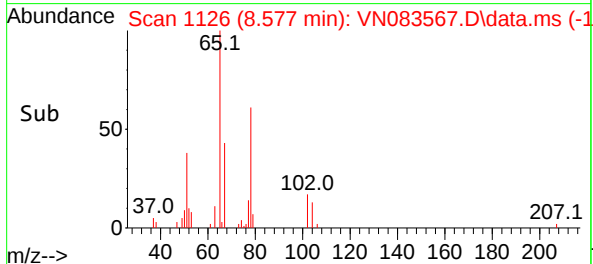
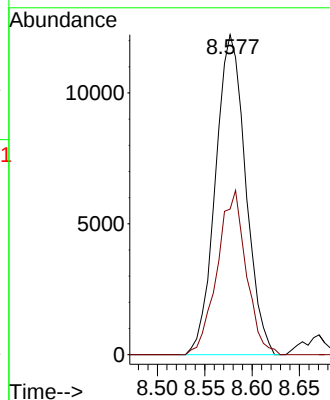
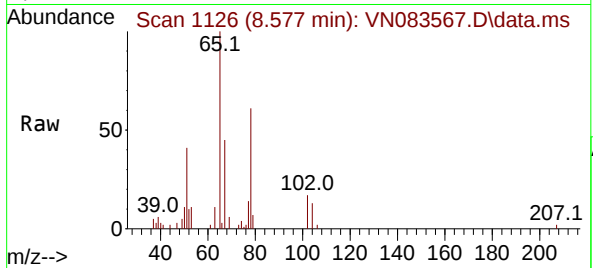
67 49.1 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

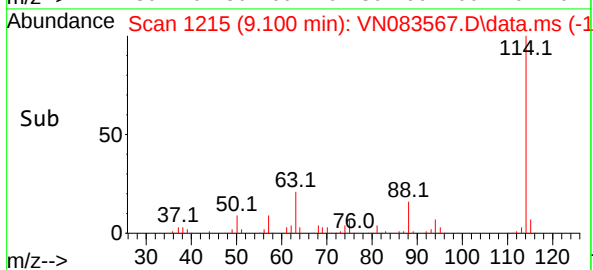
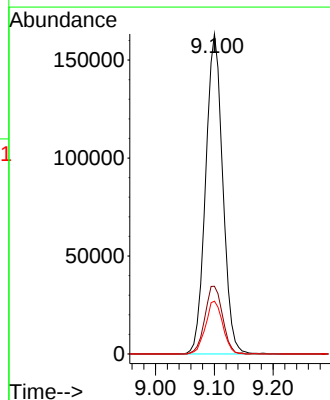
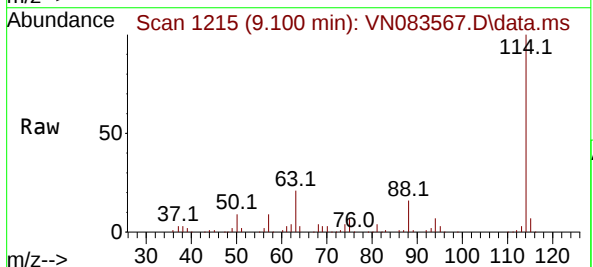
Tgt Ion:114 Resp: 329031

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 9.828 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

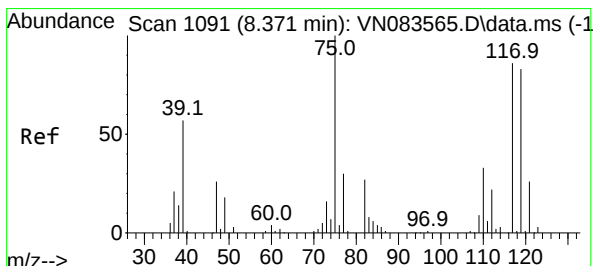
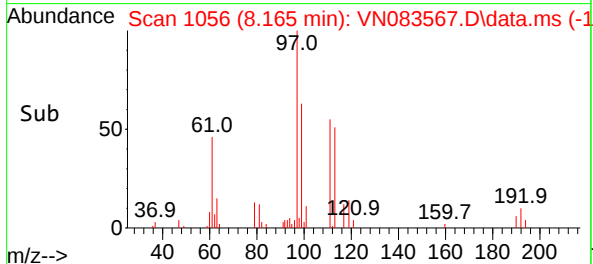
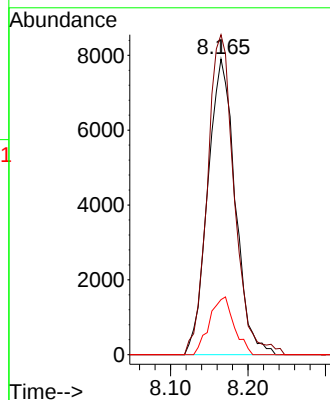
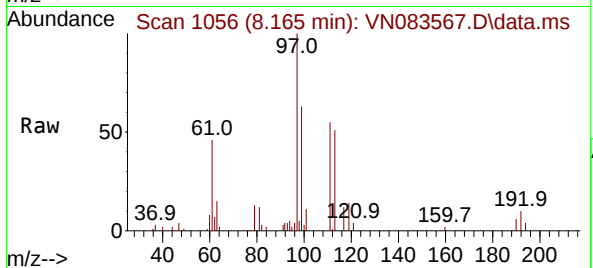
Tgt Ion:	113	Resp:	1946
Ion Ratio	Lower	Upper	
113	100		
111	105.8	82.6	124.0
192	17.4	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#36

1,1-Dichloropropene

Concen: 9.593 ug/l

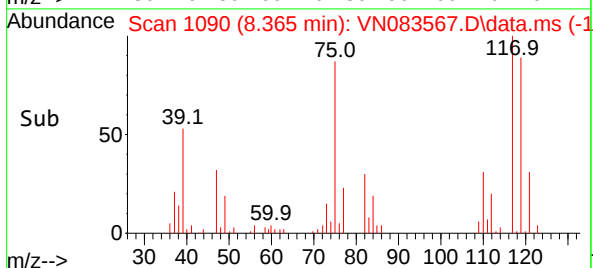
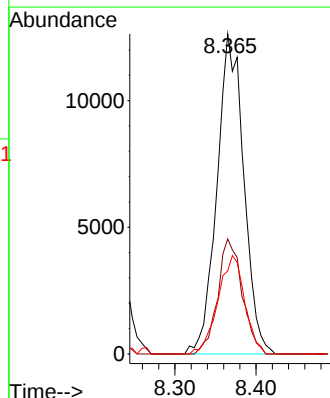
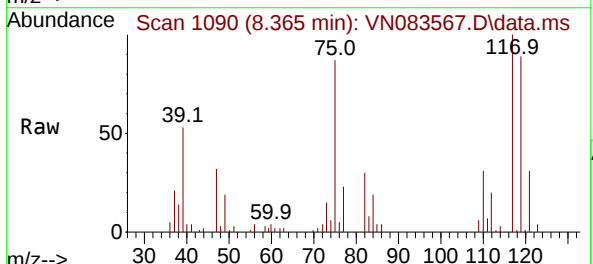
RT: 8.365 min Scan# 1090

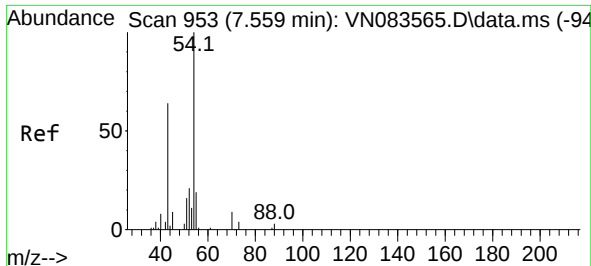
Delta R.T. -0.006 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

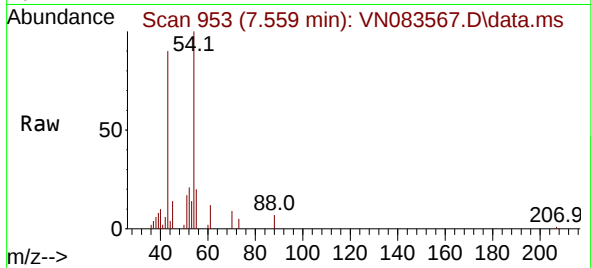
Tgt Ion:	75	Resp:	28978
Ion Ratio	Lower	Upper	
75	100		
110	33.0	16.7	50.1
77	30.4	25.2	37.8





#37
Ethyl Acetate
Concen: 9.910 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

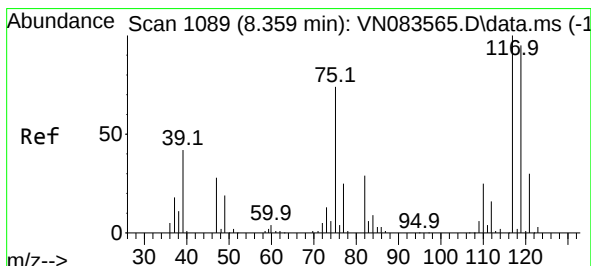
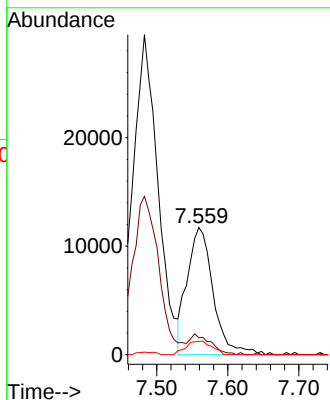
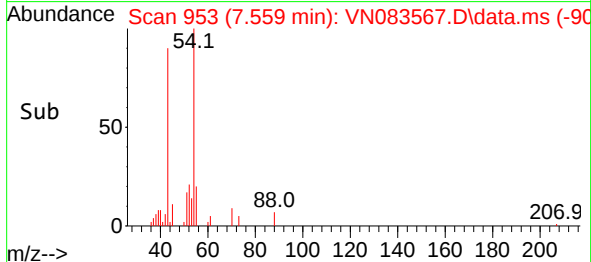
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 2979
Ion Ratio Lower Upper
43 100
61 12.7 11.1 16.7
70 10.5 8.8 13.2

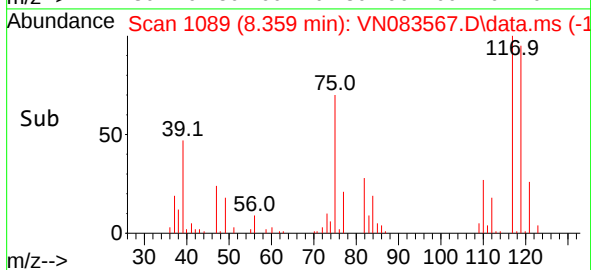
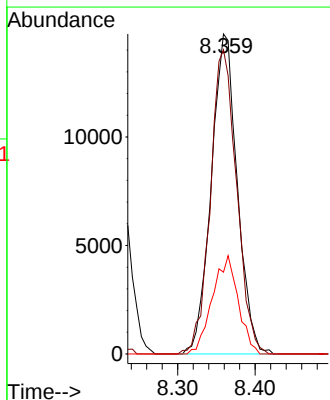
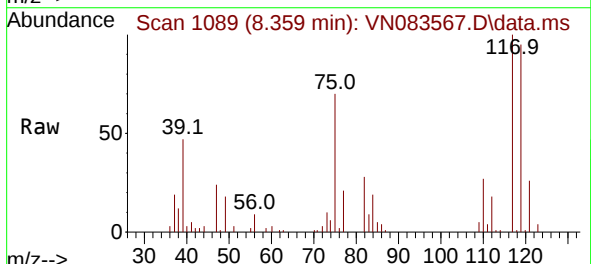
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#38
Carbon Tetrachloride
Concen: 9.996 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion:117 Resp: 34452
Ion Ratio Lower Upper
117 100
119 95.0 76.1 114.1
121 25.6 24.1 36.1





#39

Methylcyclohexane

Concen: 9.803 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 3553

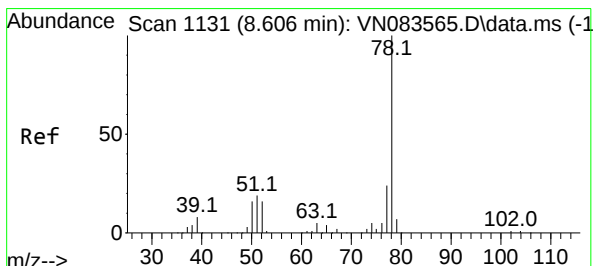
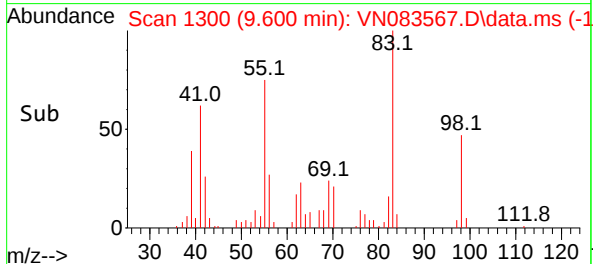
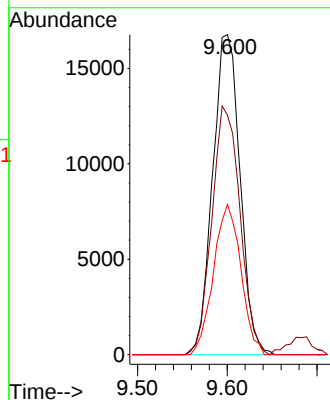
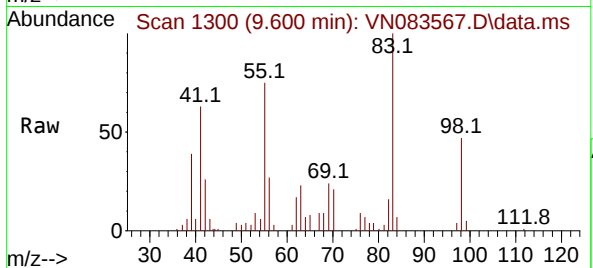
Ion	Ratio	Lower	Upper
83	100		
55	74.9	62.2	93.4
98	46.9	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#40

Benzene

Concen: 9.922 ug/l

RT: 8.606 min Scan# 1131

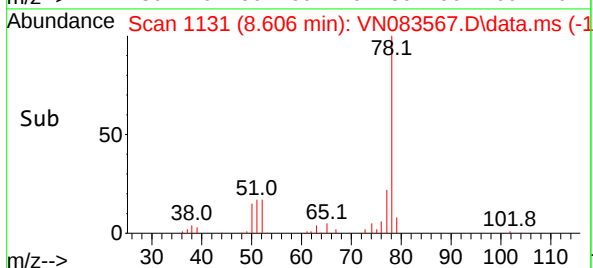
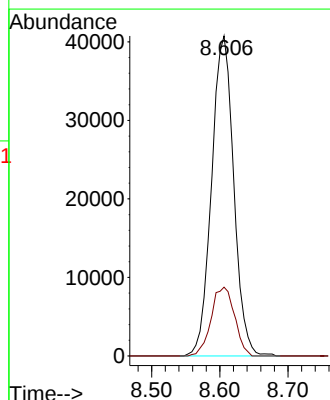
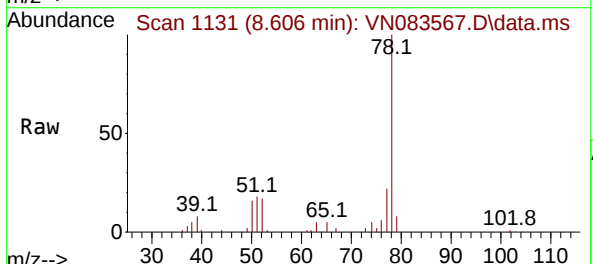
Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Tgt Ion: 78 Resp: 92197

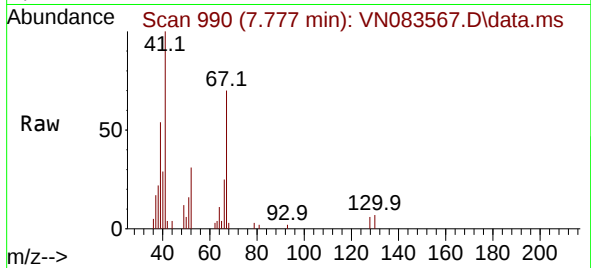
Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.0	28.6





#41
Methacrylonitrile
Concen: 9.898 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

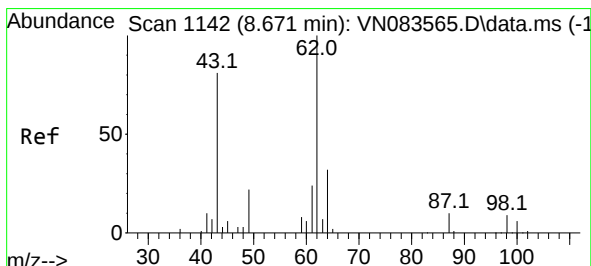
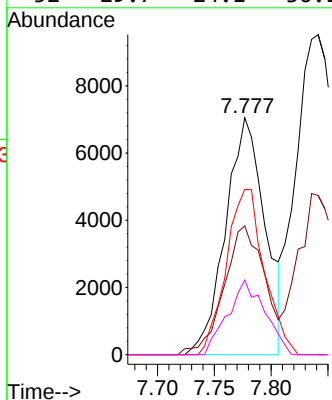
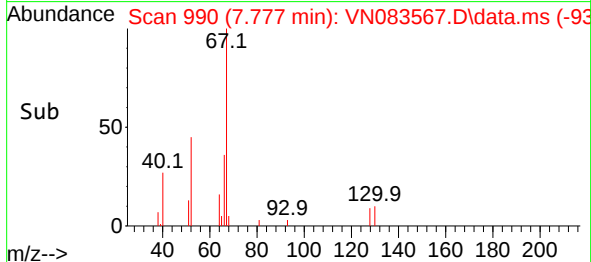
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC010



Tgt Ion: 41 Resp: 16980
Ion Ratio Lower Upper
41 100
39 55.8 45.4 68.2
67 67.3 55.9 83.9
52 29.7 24.1 36.1

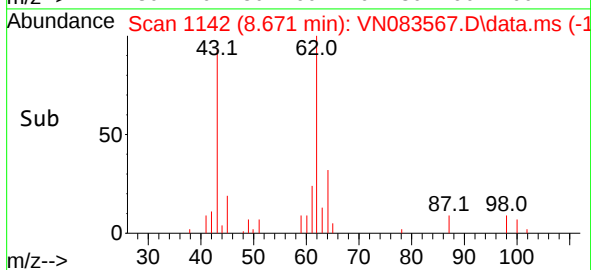
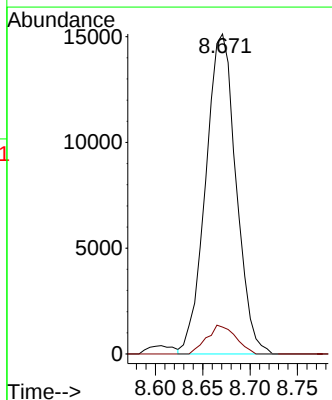
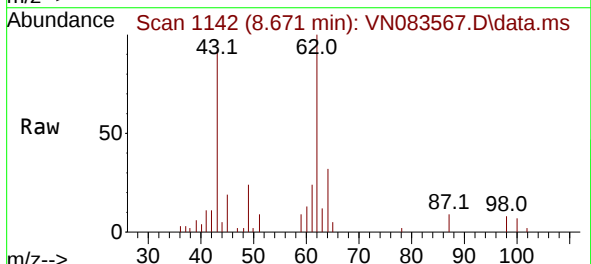
Manual Integrations
APPROVED

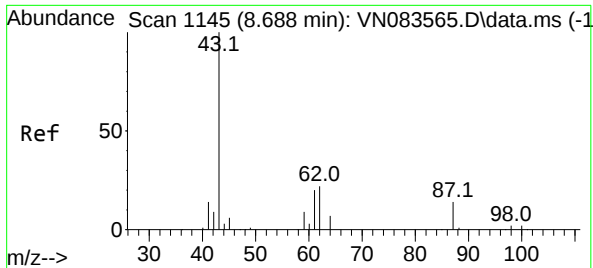
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#42
1,2-Dichloroethane
Concen: 9.804 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 62 Resp: 33768
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.6





#43

Isopropyl Acetate

Concen: 10.406 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 68379

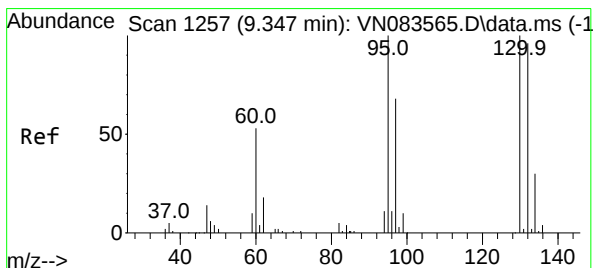
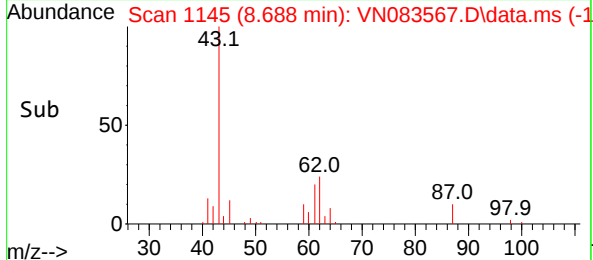
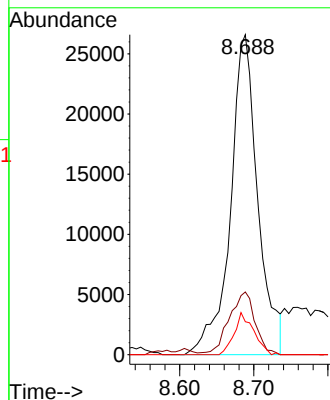
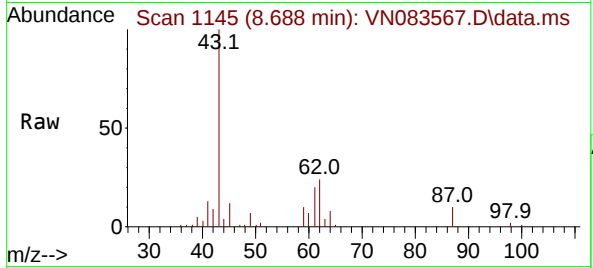
Ion	Ratio	Lower	Upper
43	100		
61	18.6	19.4	29.0
87	9.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#44

Trichloroethene

Concen: 9.445 ug/l

RT: 9.347 min Scan# 1257

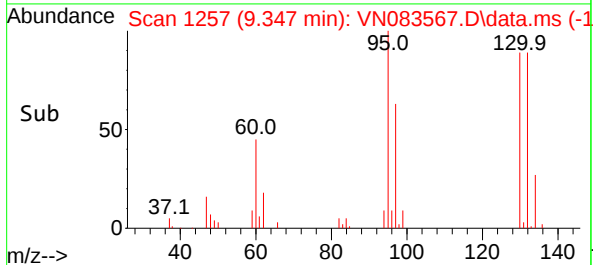
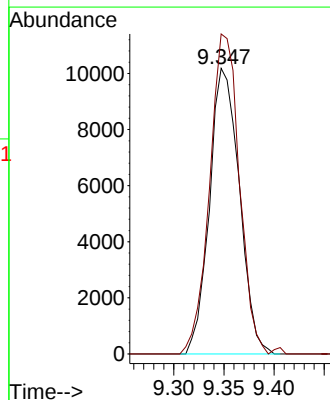
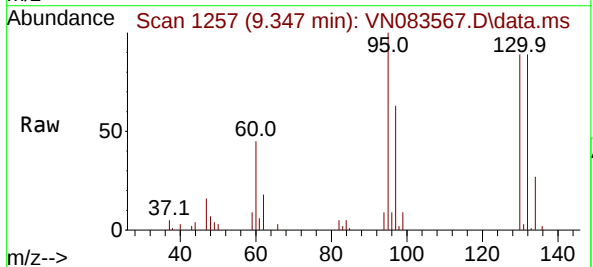
Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Tgt Ion:130 Resp: 21113

Ion	Ratio	Lower	Upper
130	100		
95	112.1	0.0	200.4





#45

1,2-Dichloropropane

Concen: 10.201 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2208

Ion Ratio Lower Upper

63 100

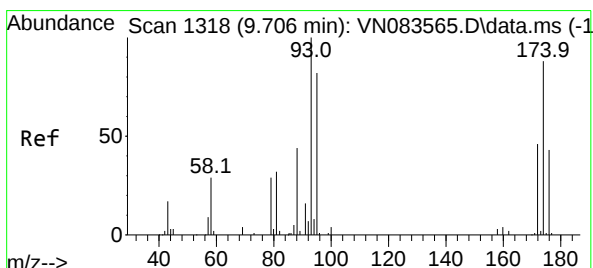
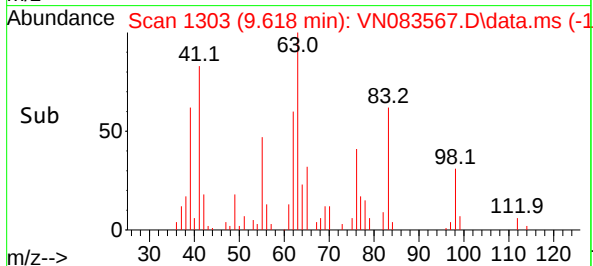
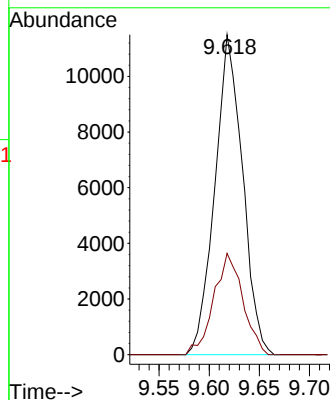
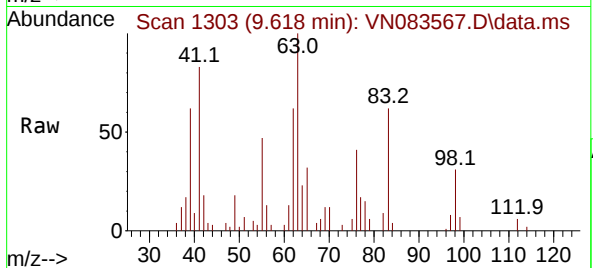
65 31.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#46

Dibromomethane

Concen: 9.921 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

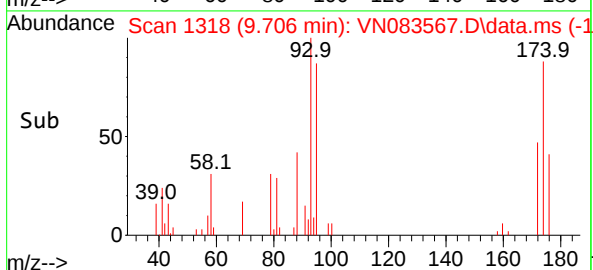
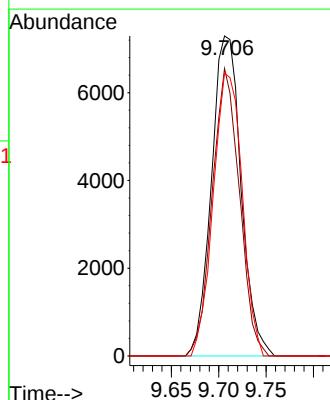
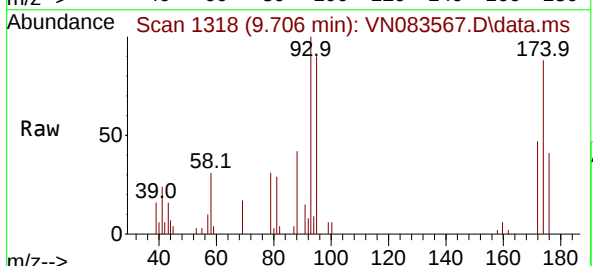
Tgt Ion: 93 Resp: 15844

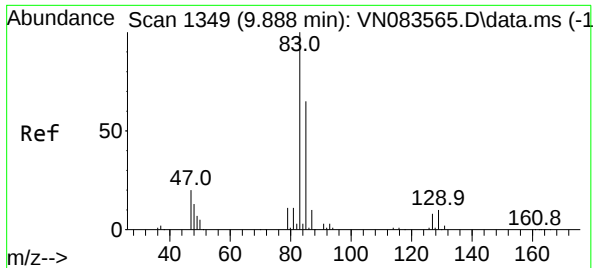
Ion Ratio Lower Upper

93 100

95 82.7 65.3 97.9

174 86.3 71.0 106.4





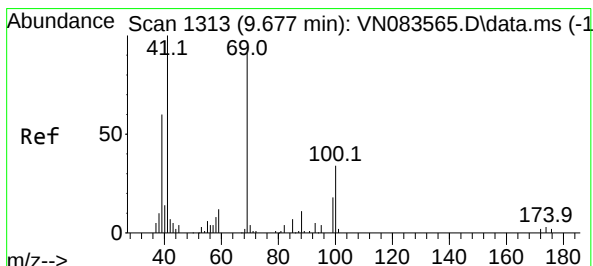
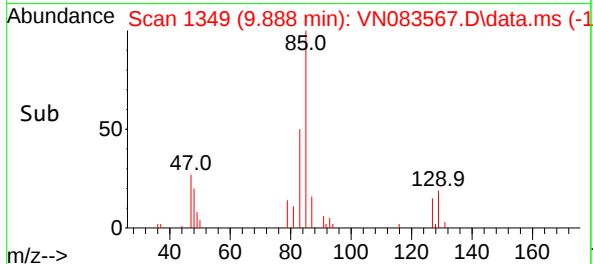
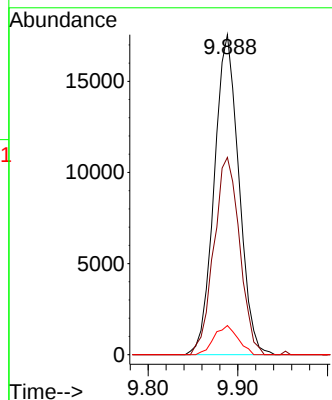
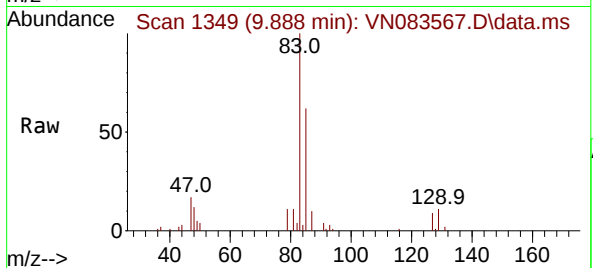
#47
Bromodichloromethane
Concen: 9.839 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3344
Ion Ratio Lower Upper
83 100
85 61.7 51.8 77.8
127 9.1 6.6 9.8

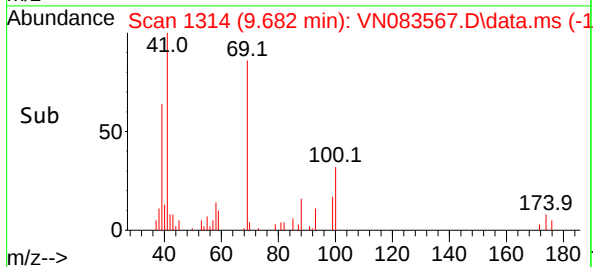
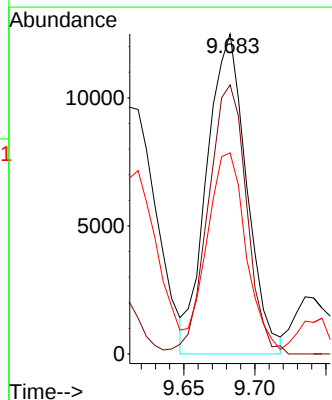
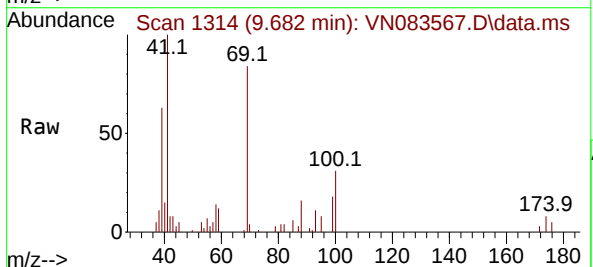
Manual Integrations
APPROVED

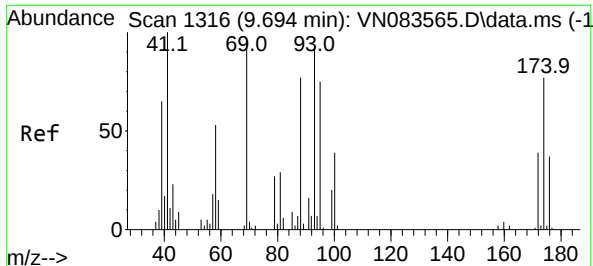
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#48
Methyl methacrylate
Concen: 9.836 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

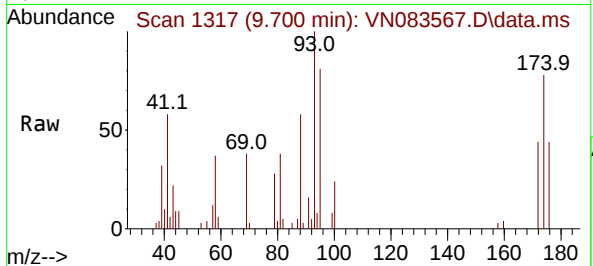
Tgt Ion: 41 Resp: 24253
Ion Ratio Lower Upper
41 100
69 81.4 64.3 96.5
39 62.8 48.9 73.3





#49
1,4-Dioxane
Concen: 196.345 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

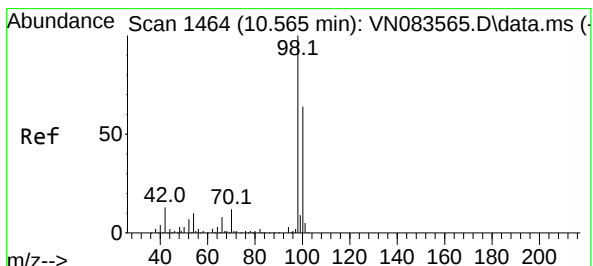
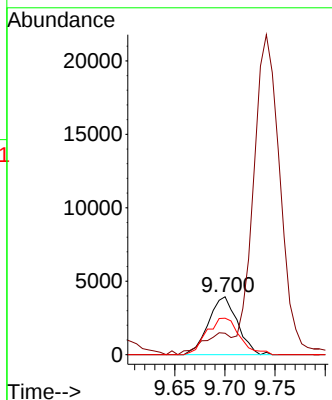
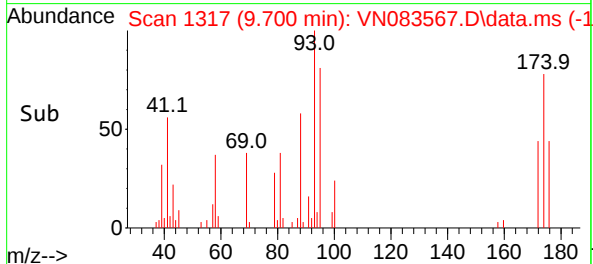
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 793
Ion Ratio Lower Upper
88 100
43 37.9 0.0 0.0
58 71.4 57.1 85.7

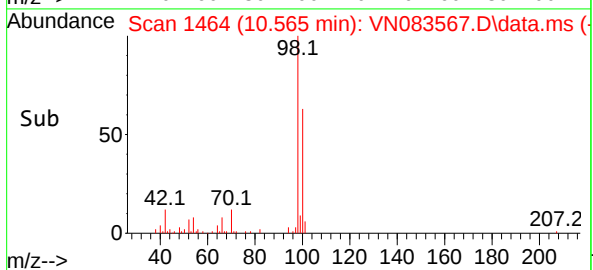
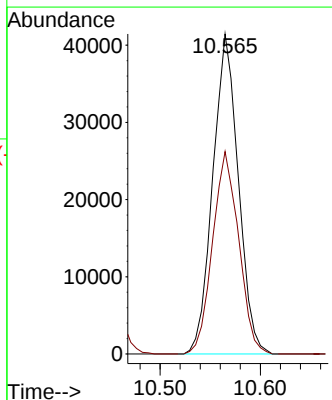
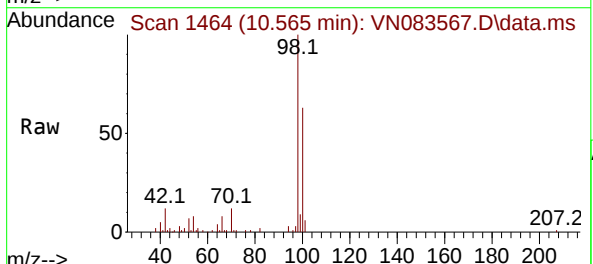
Manual Integrations
APPROVED

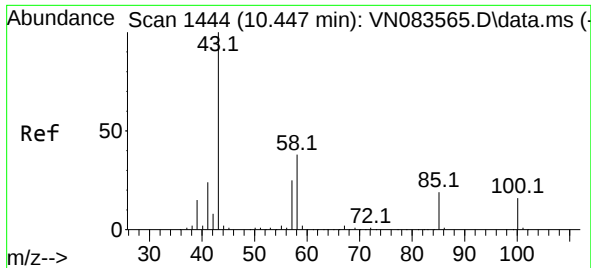
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#50
Toluene-d8
Concen: 10.418 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 98 Resp: 73303
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





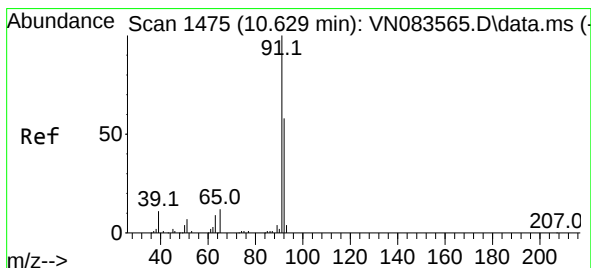
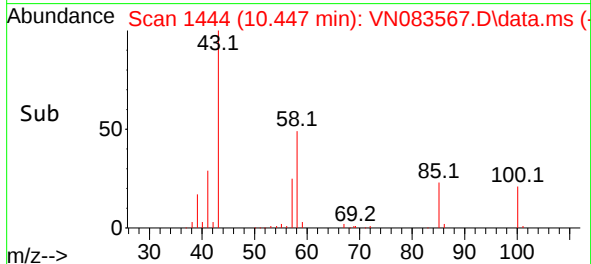
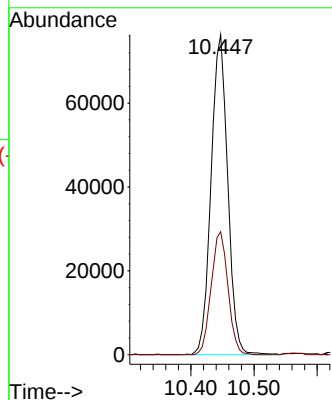
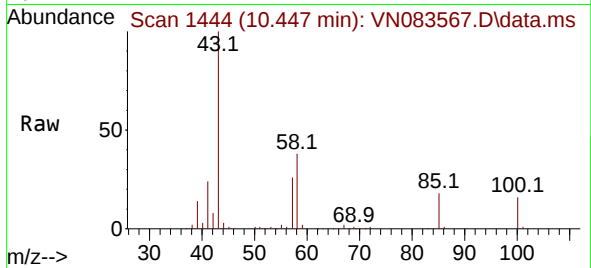
#51
4-Methyl-2-Pentanone
Concen: 49.859 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 13935
Ion Ratio Lower Upper
43 100
58 38.7 31.6 47.4

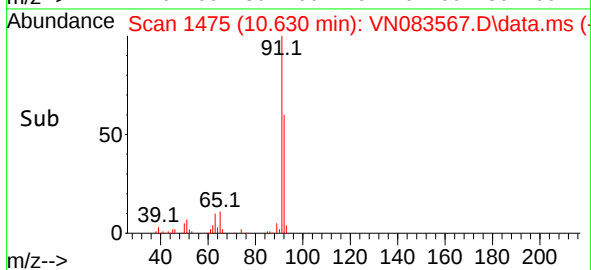
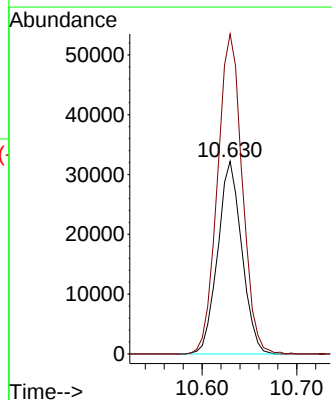
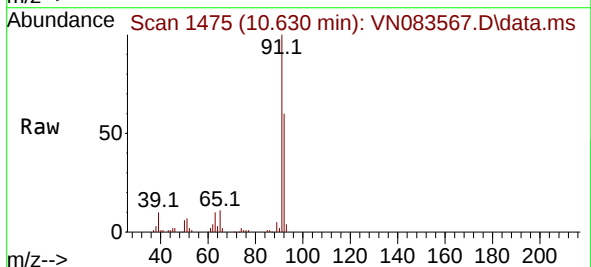
Manual Integrations
APPROVED

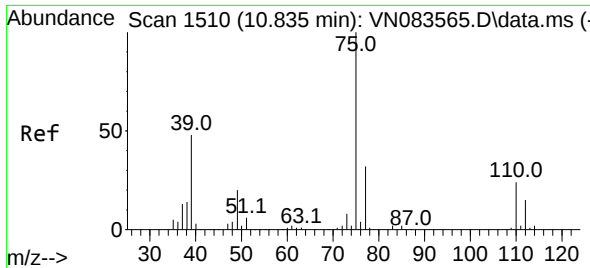
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#52
Toluene
Concen: 9.786 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

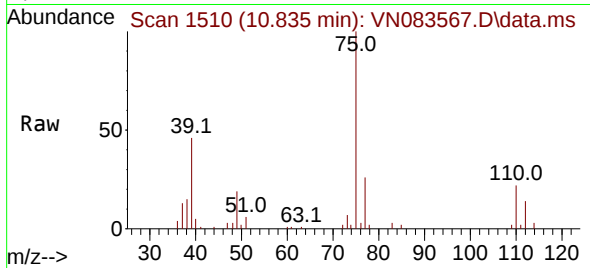
Tgt Ion: 92 Resp: 56872
Ion Ratio Lower Upper
92 100
91 171.1 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 9.891 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

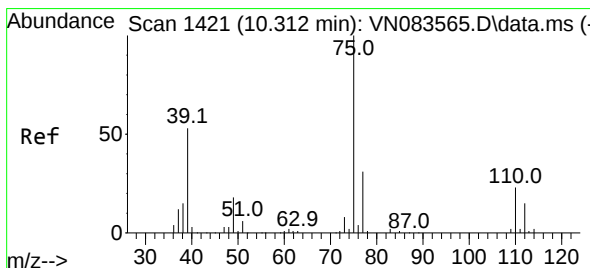
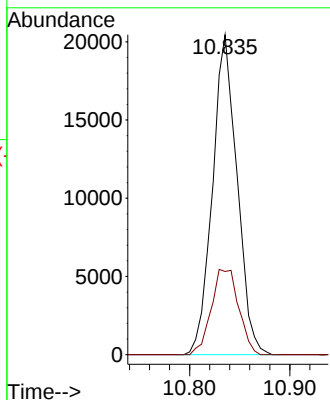
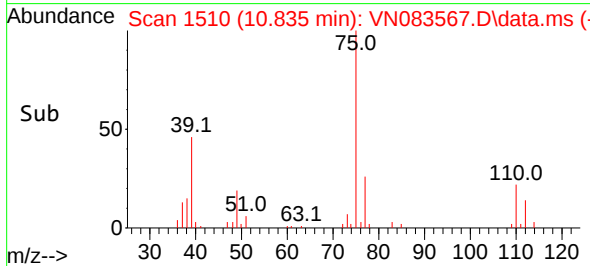
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 34809
Ion Ratio Lower Upper
75 100
77 26.0 25.8 38.6

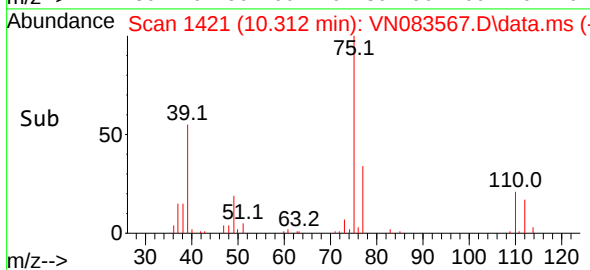
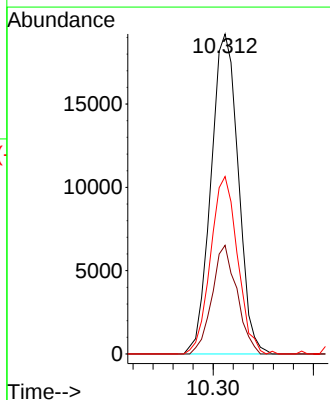
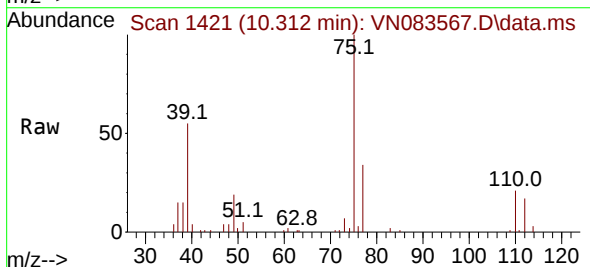
Manual Integrations
APPROVED

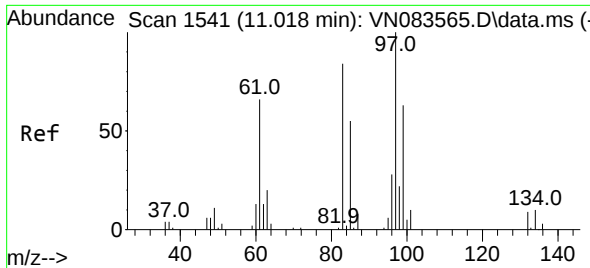
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#54
cis-1,3-Dichloropropene
Concen: 9.804 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

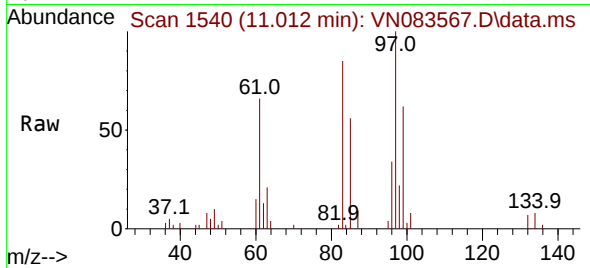
Tgt Ion: 75 Resp: 36214
Ion Ratio Lower Upper
75 100
77 33.9 25.0 37.6
39 55.4 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 9.714 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

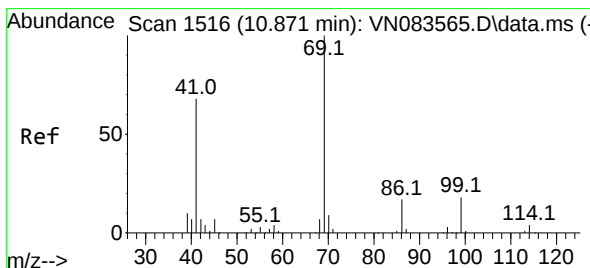
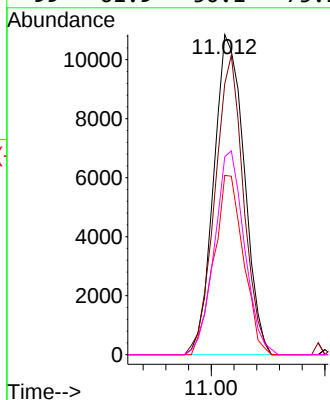
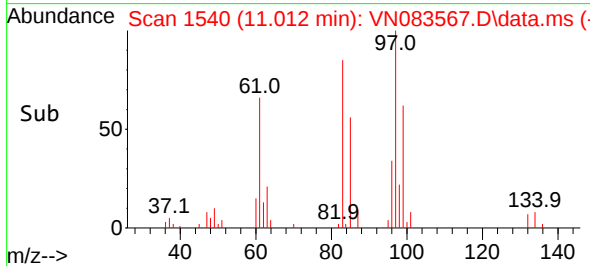


Tgt Ion: 97 Resp: 20150

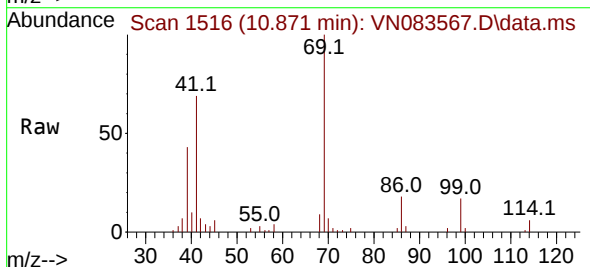
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.5	101.3
85	56.0	44.2	66.2
99	61.9	50.1	75.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

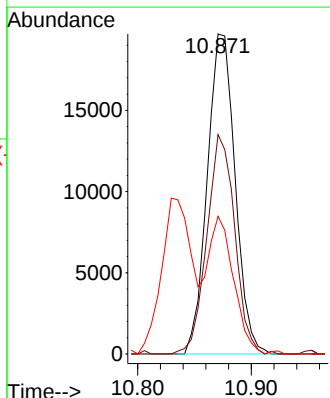
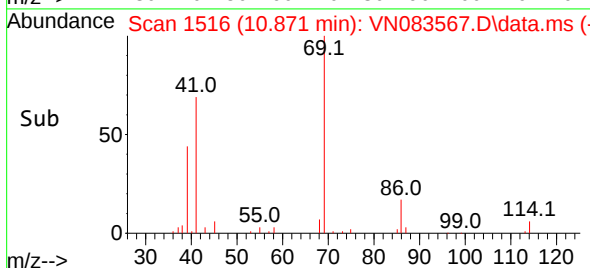


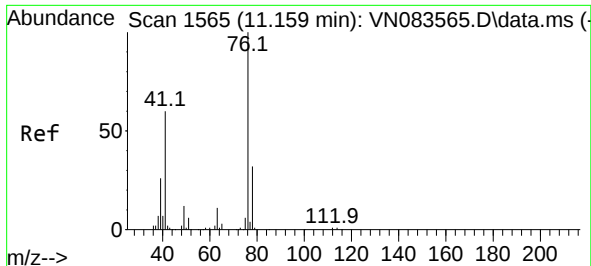
#56
Ethyl methacrylate
Concen: 9.801 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05



Tgt Ion: 69 Resp: 33631

Ion	Ratio	Lower	Upper
69	100		
41	68.5	53.9	80.9
39	40.7	32.6	48.8





#57

1,3-Dichloropropane

Concen: 9.957 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 3656

Ion Ratio Lower Upper

76 100

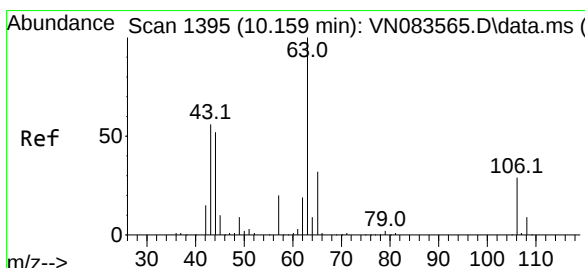
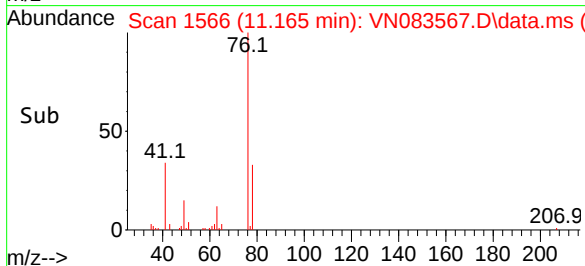
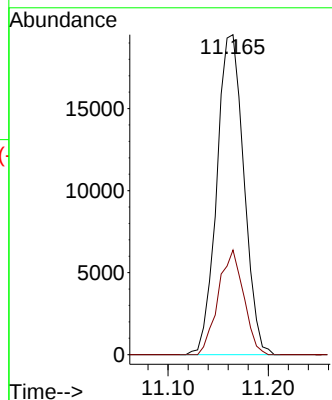
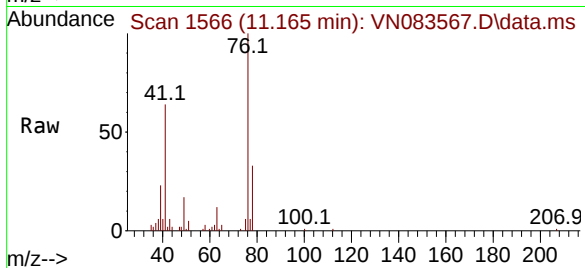
78 30.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#58

2-Chloroethyl Vinyl ether

Concen: 48.293 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083567.D

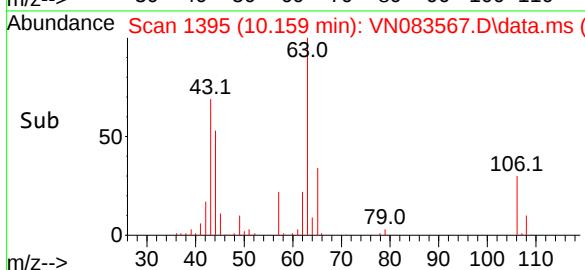
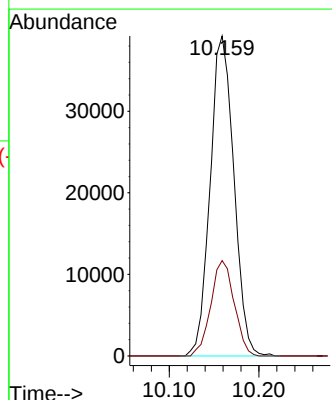
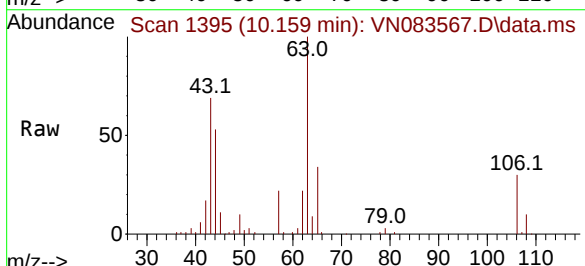
Acq: 30 Aug 2024 10:05

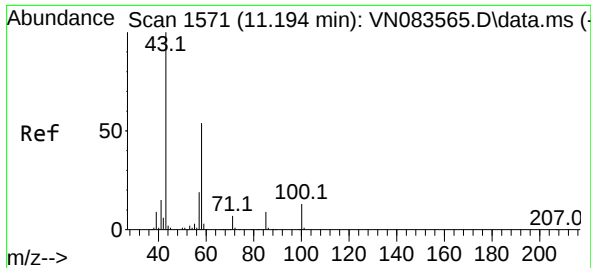
Tgt Ion: 63 Resp: 72007

Ion Ratio Lower Upper

63 100

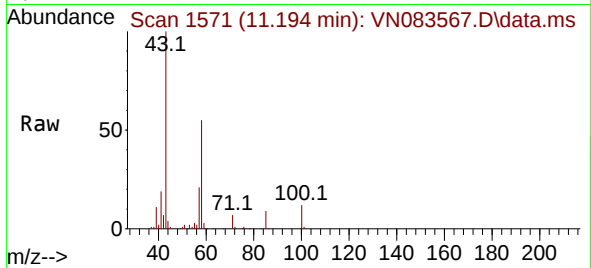
106 29.4 23.3 34.9





#59
2-Hexanone
Concen: 49.144 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

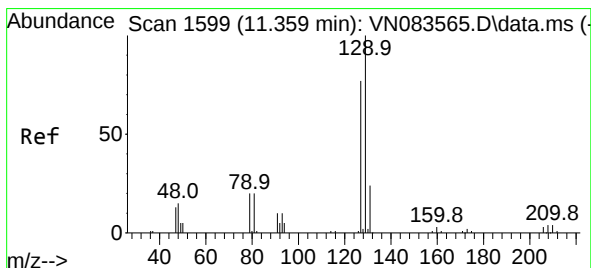
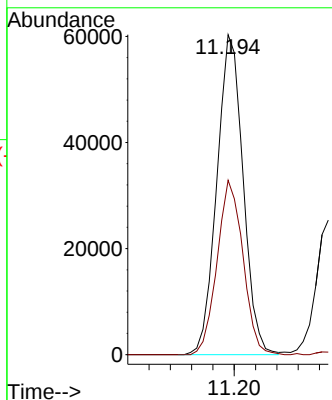
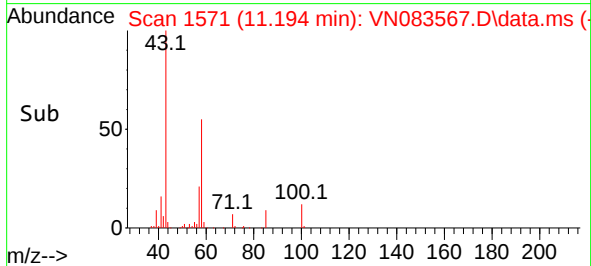
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 103079
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5

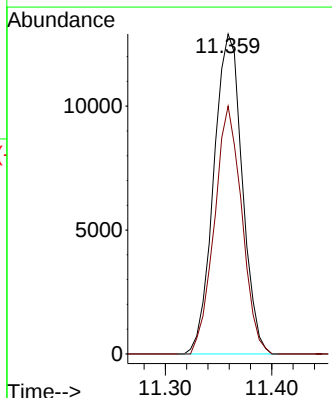
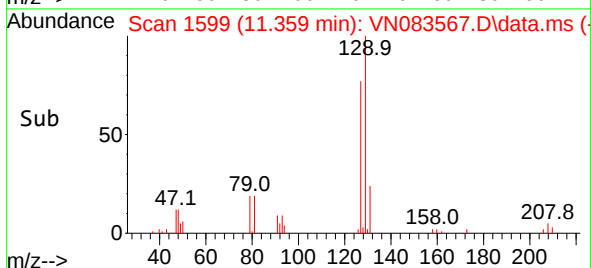
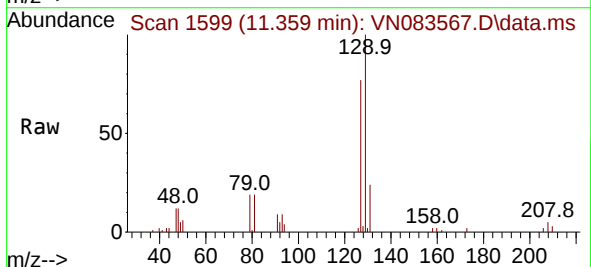
Manual Integrations
APPROVED

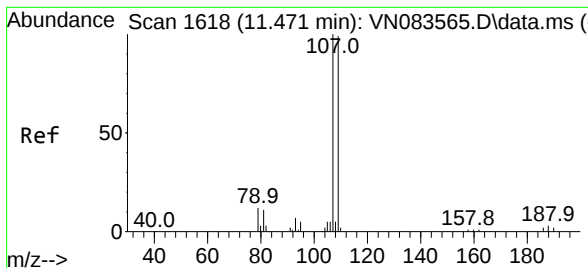
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#60
Dibromochloromethane
Concen: 9.982 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion:129 Resp: 23992
Ion Ratio Lower Upper
129 100
127 74.5 39.0 116.9





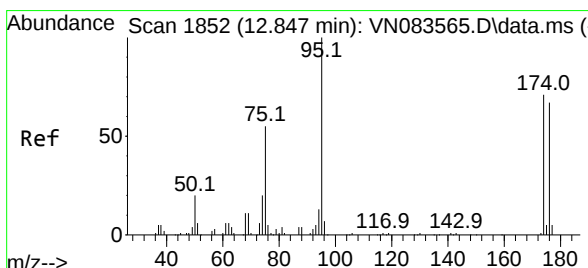
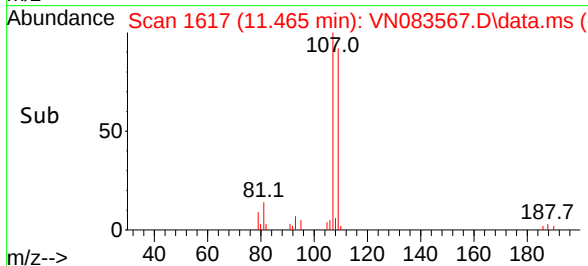
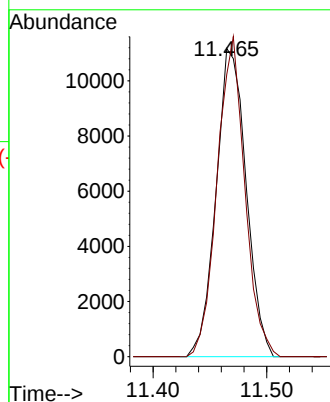
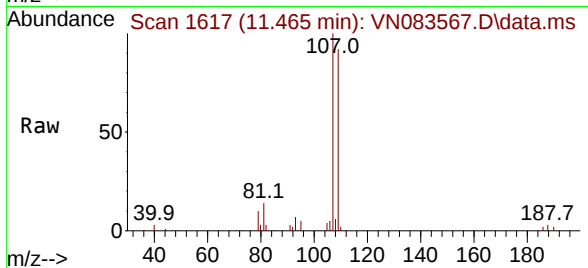
#61
1,2-Dibromoethane
Concen: 9.705 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 2056
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4

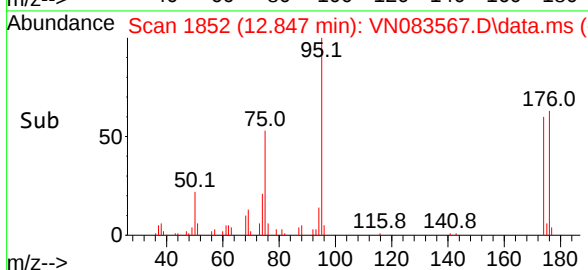
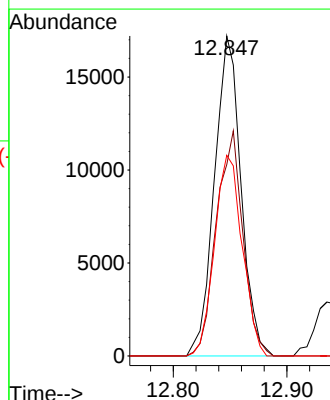
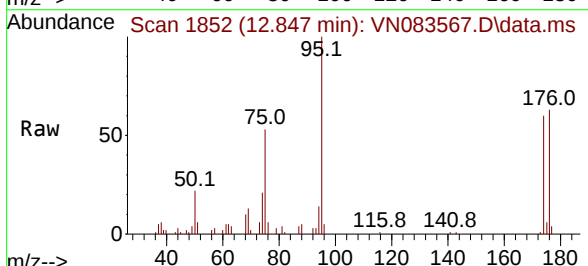
Manual Integrations
APPROVED

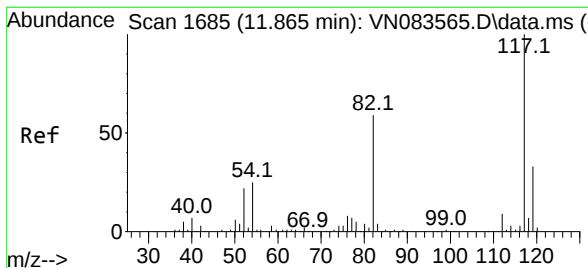
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#62
4-Bromofluorobenzene
Concen: 9.792 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

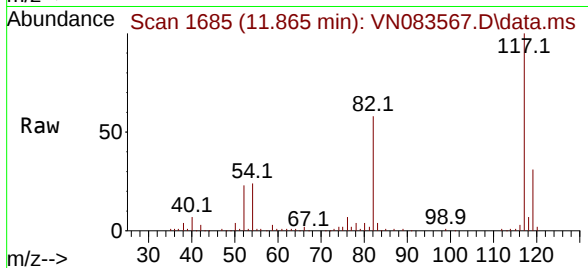
Tgt Ion: 95 Resp: 27973
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 65.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

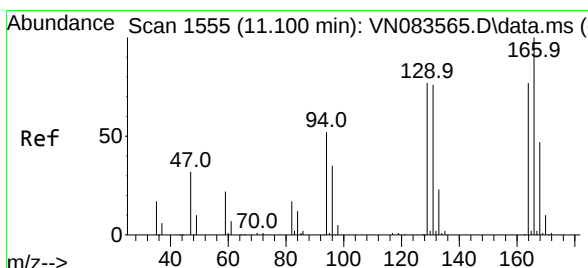
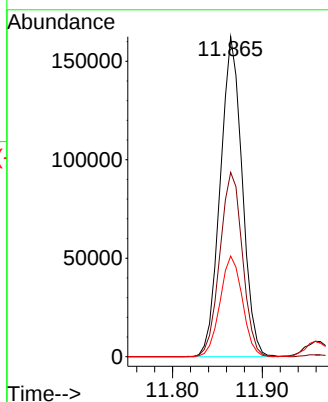
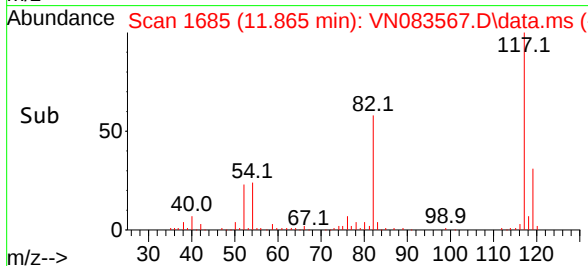
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:117 Resp: 27557
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.0
119 31.4 26.3 39.5

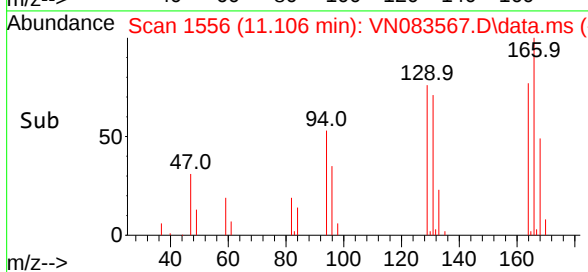
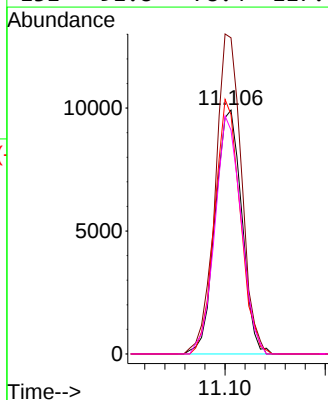
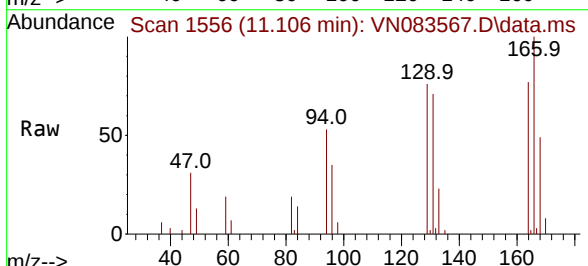
Manual Integrations
APPROVED

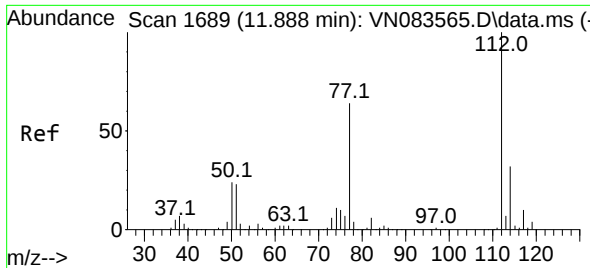
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#64
Tetrachloroethene
Concen: 10.047 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion:164 Resp: 18199
Ion Ratio Lower Upper
164 100
166 129.7 103.7 155.5
129 98.2 79.9 119.9
131 91.8 78.4 117.6





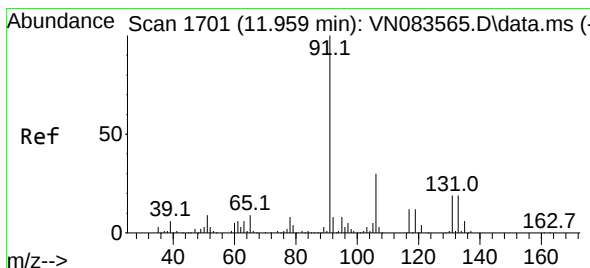
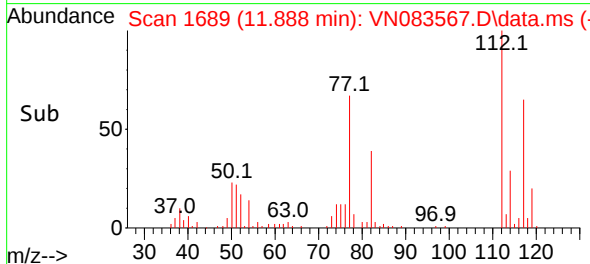
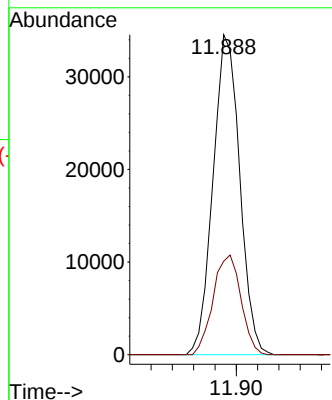
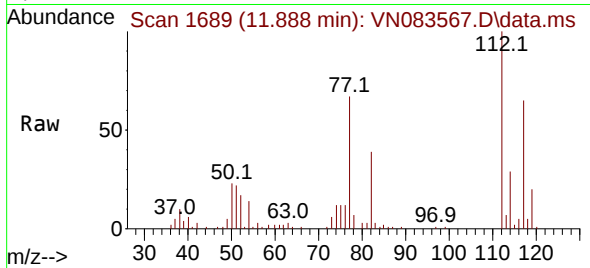
#65
Chlorobenzene
Concen: 9.723 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 6008
Ion Ratio Lower Upper
112 100
114 29.2 25.7 38.5

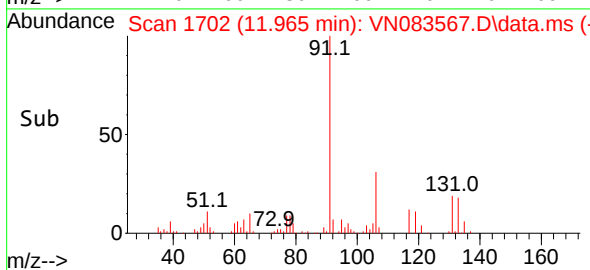
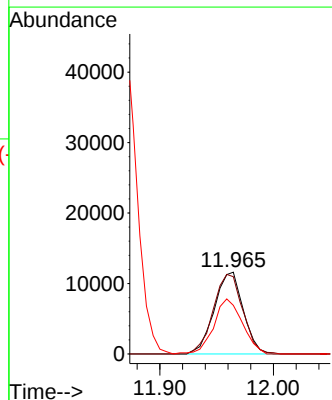
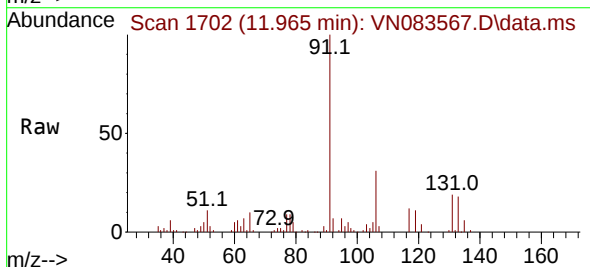
Manual Integrations
APPROVED

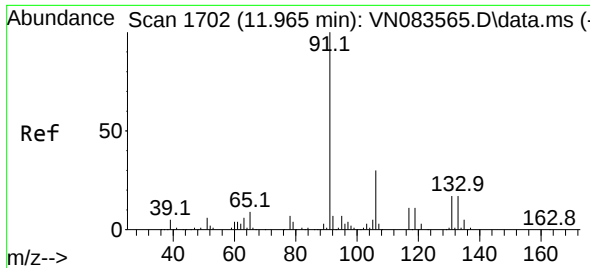
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 9.805 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

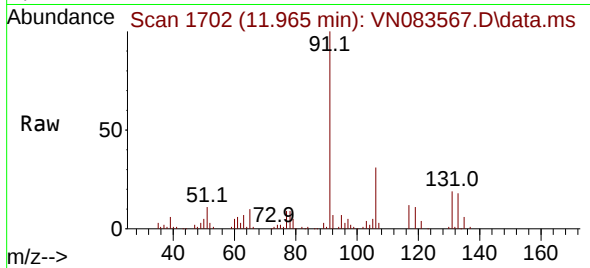
Tgt Ion:131 Resp: 20458
Ion Ratio Lower Upper
131 100
133 99.7 47.5 142.6
119 66.8 31.6 94.8





#67
Ethyl Benzene
Concen: 9.598 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

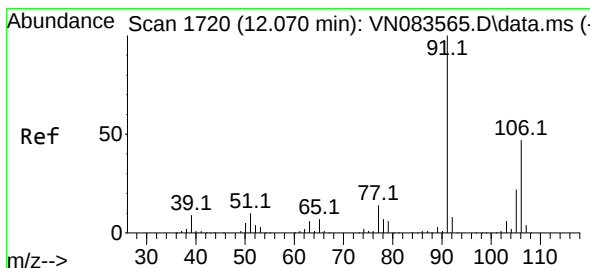
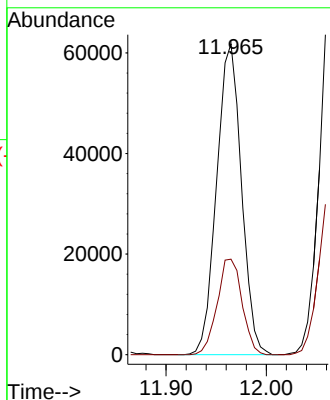
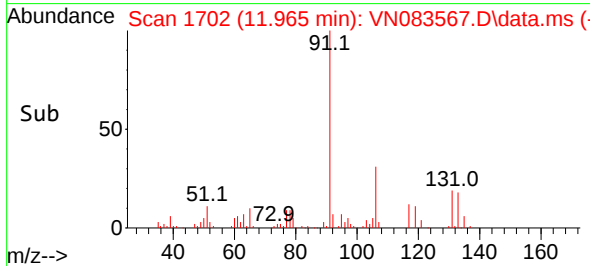
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



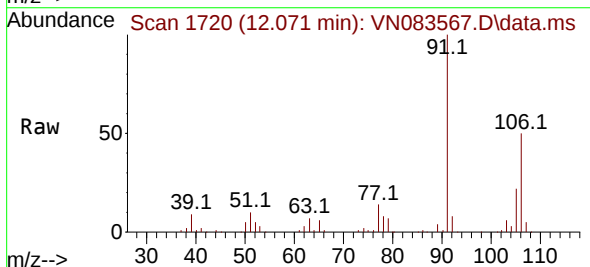
Tgt Ion: 91 Resp: 105880
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

Manual Integrations
APPROVED

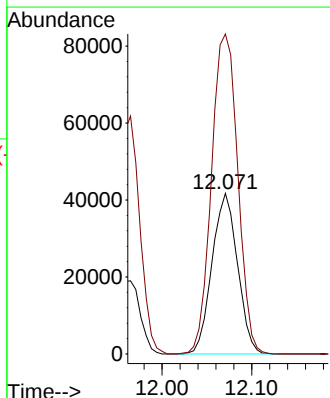
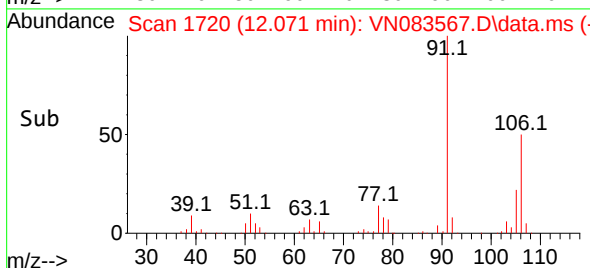
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

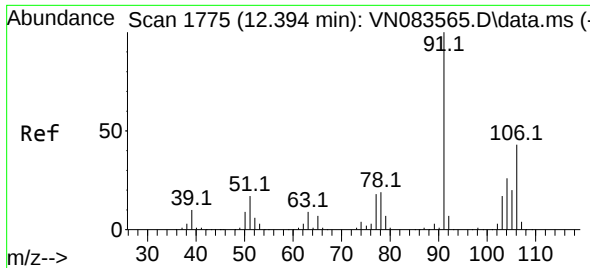


#68
m/p-Xylenes
Concen: 19.796 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05



Tgt Ion:106 Resp: 82268
Ion Ratio Lower Upper
106 100
91 205.7 169.2 253.8





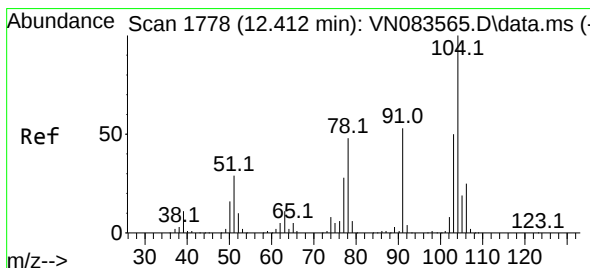
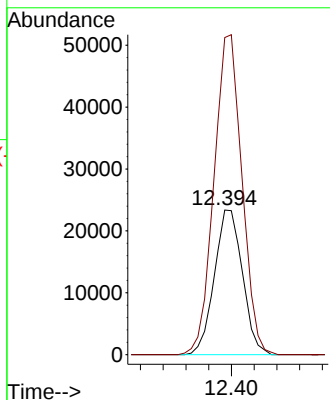
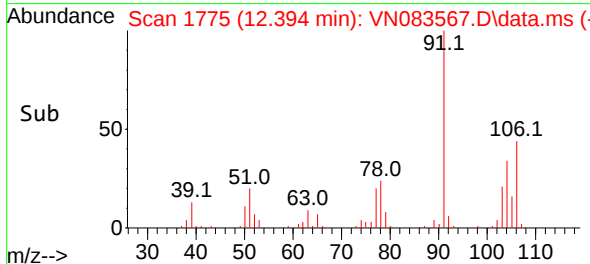
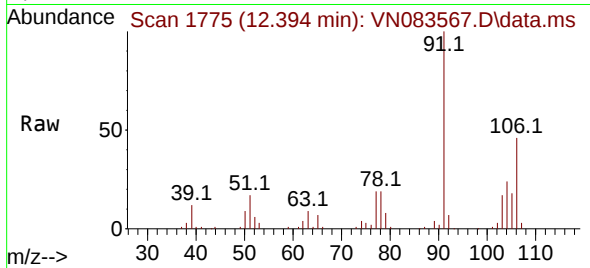
#69
o-Xylene
Concen: 9.976 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 4007
Ion Ratio Lower Upper
106 100
91 220.6 112.9 338.6

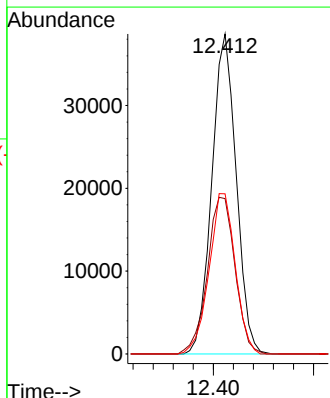
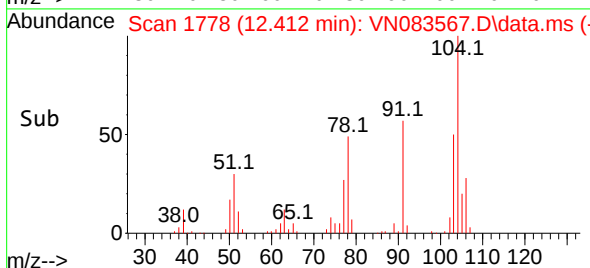
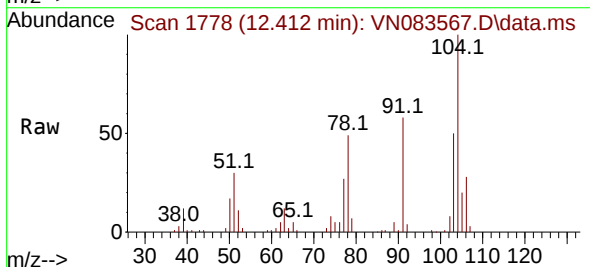
Manual Integrations
APPROVED

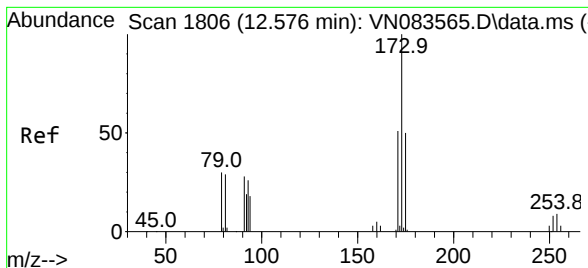
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#70
Styrene
Concen: 9.633 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion:104 Resp: 65058
Ion Ratio Lower Upper
104 100
78 55.5 43.3 64.9
103 53.8 43.4 65.2





#71

Bromoform

Concen: 9.577 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

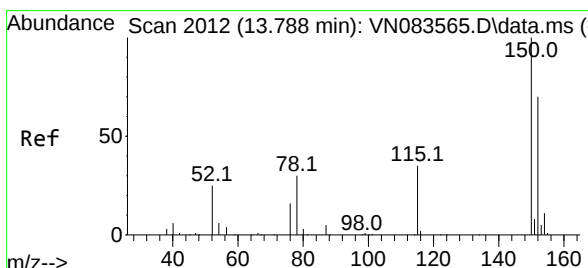
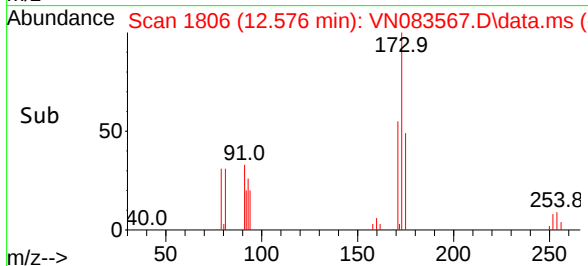
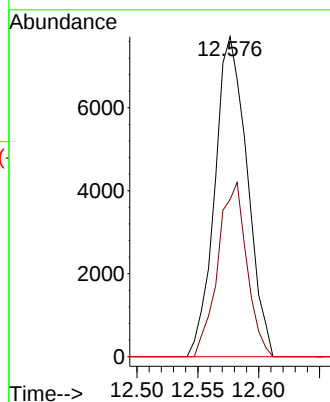
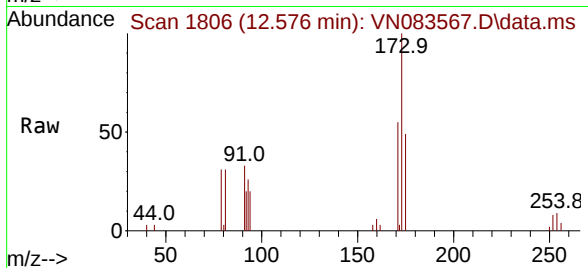
Tgt Ion:	173	Resp:	14234
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

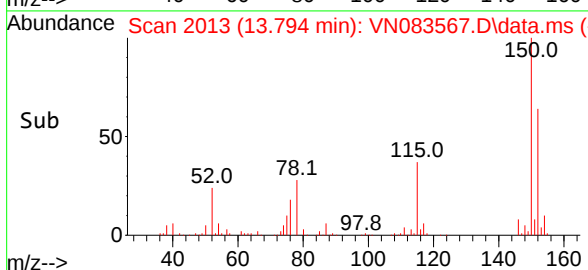
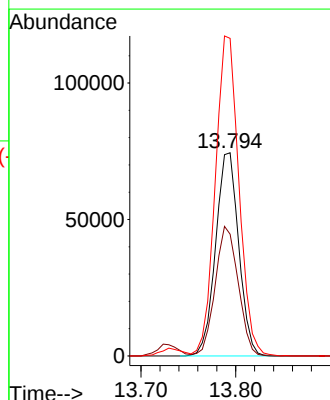
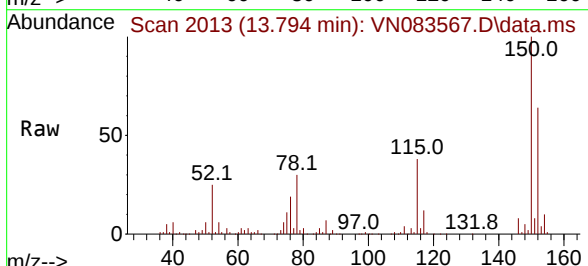
RT: 13.794 min Scan# 2013

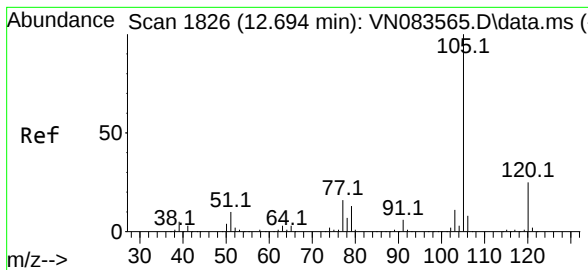
Delta R.T. 0.006 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Tgt Ion:	152	Resp:	126158
Ion Ratio	Lower	Upper	
152	100		
115	63.6	32.2	96.6
150	160.7	0.0	348.6





#73
Isopropylbenzene
Concen: 9.960 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

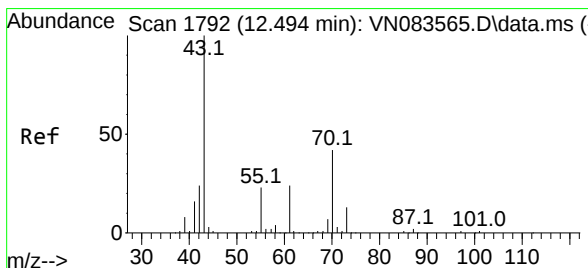
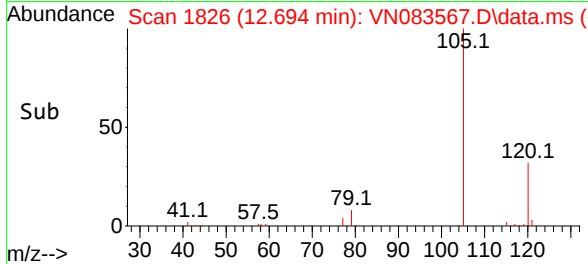
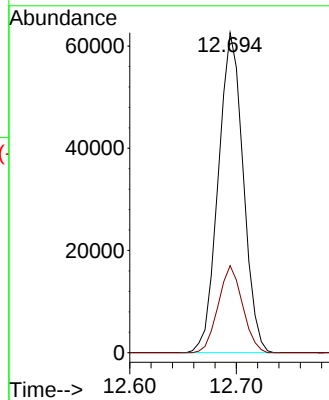
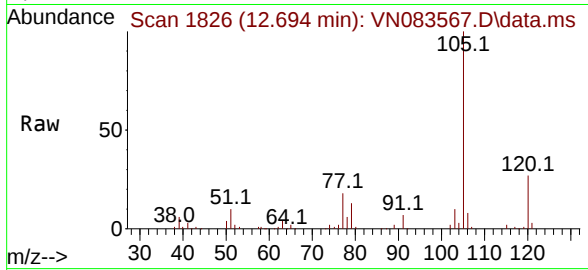
VSTDICC010

Tgt Ion:105 Resp: 10170
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.8

Manual Integrations

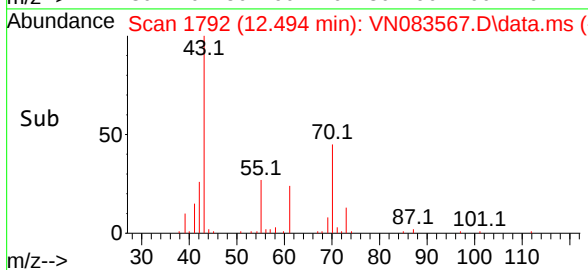
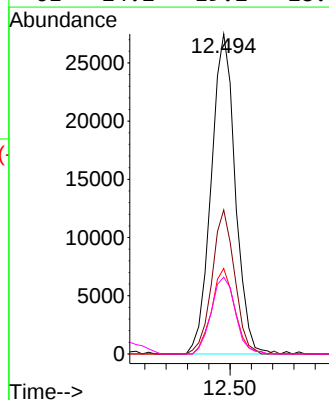
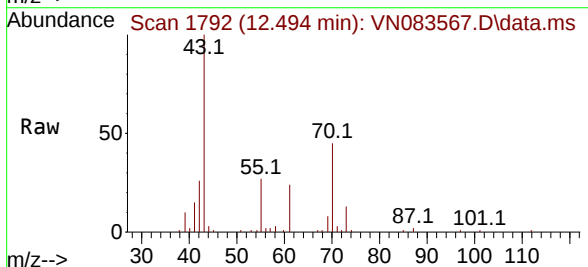
APPROVED

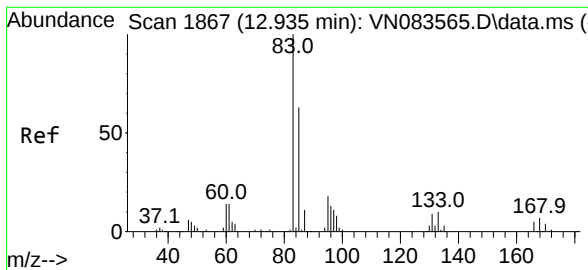
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#74
N-ethyl acetate
Concen: 9.690 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

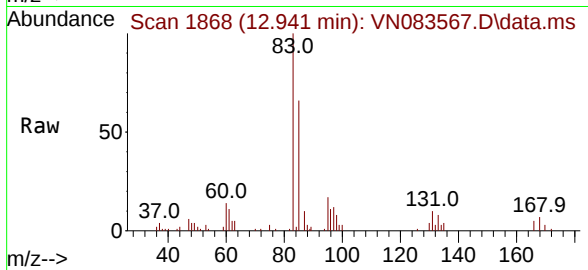
Tgt Ion: 43 Resp: 42945
Ion Ratio Lower Upper
43 100
70 42.3 34.5 51.7
55 25.6 18.6 28.0
61 24.2 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 9.976 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

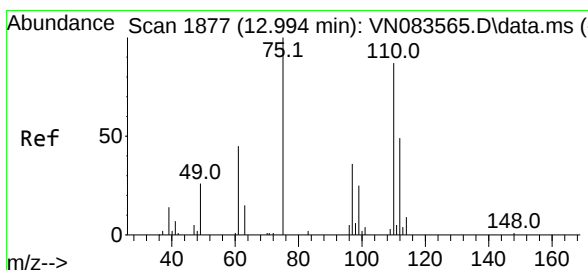
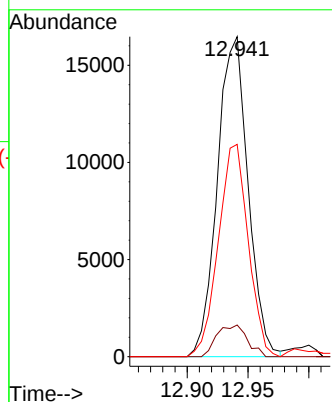
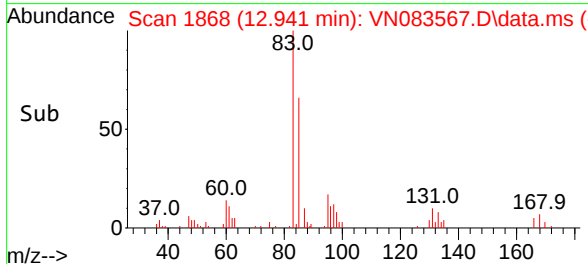
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



Tgt Ion: 83 Resp: 28918
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 64.4 31.9 95.9

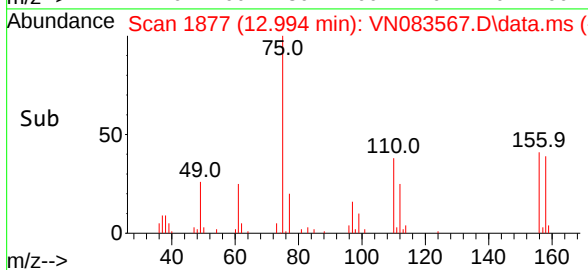
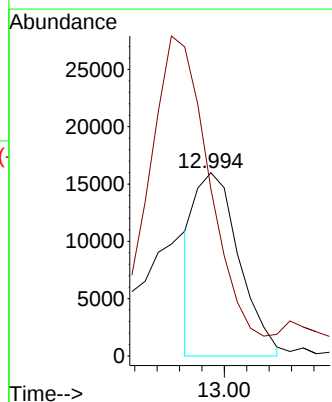
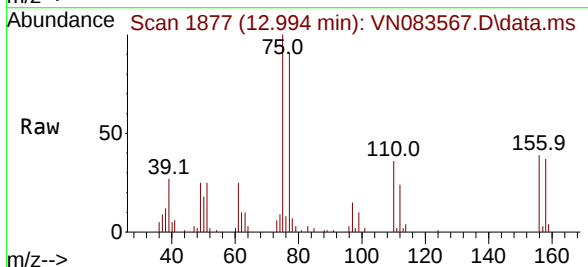
Manual Integrations
APPROVED

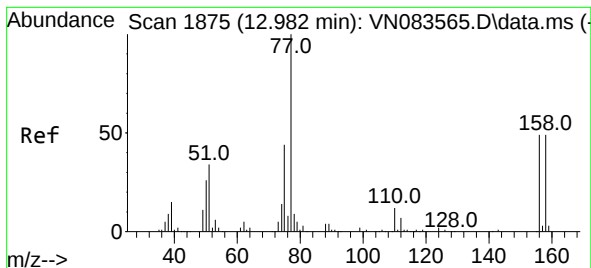
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#76
1,2,3-Trichloropropane
Concen: 8.263 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 75 Resp: 22064
Ion Ratio Lower Upper
75 100
77 248.5 95.2 285.6





#77

Bromobenzene

Concen: 9.866 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN083567.D

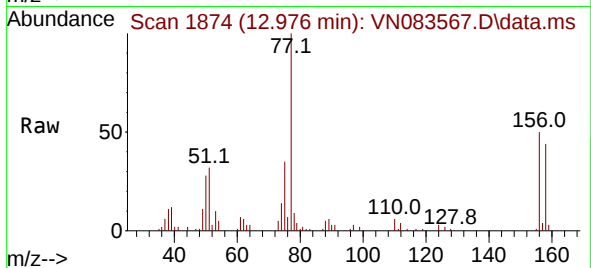
Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



Tgt Ion:156 Resp: 23630

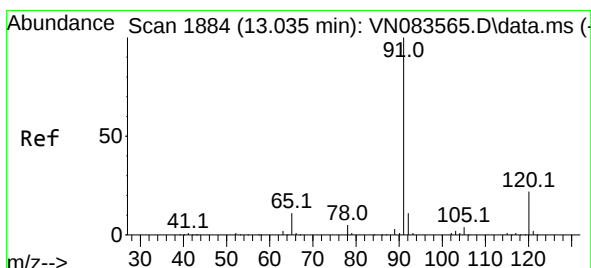
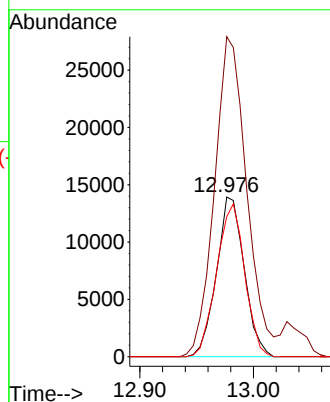
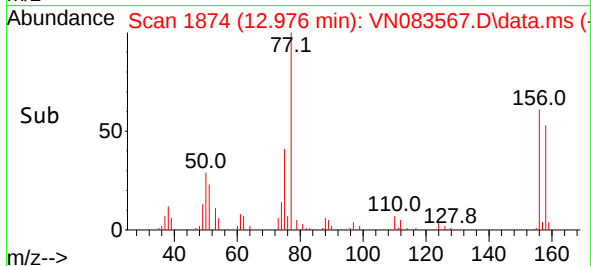
Ion	Ratio	Lower	Upper
156	100		
77	232.0	114.3	343.1
158	96.7	48.9	146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#78

n-propylbenzene

Concen: 9.741 ug/l

RT: 13.035 min Scan# 1884

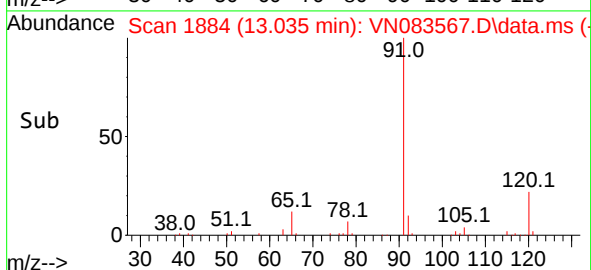
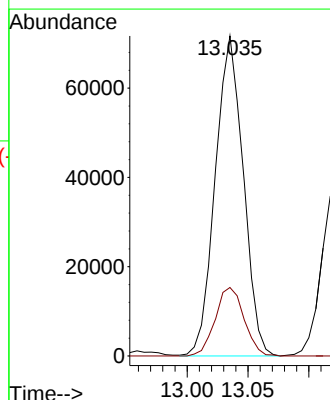
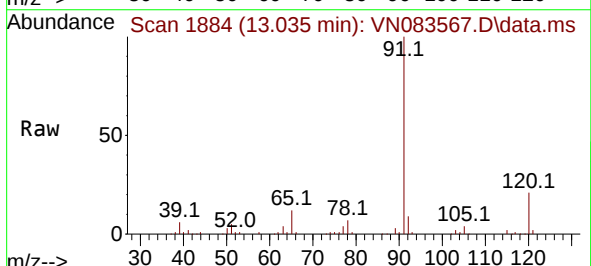
Delta R.T. 0.000 min

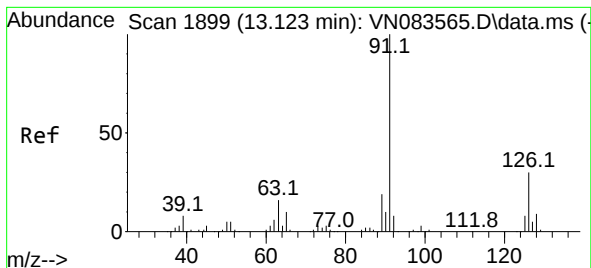
Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Tgt Ion: 91 Resp: 114994

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 9.815 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 7508

Ion Ratio Lower Upper

91 100

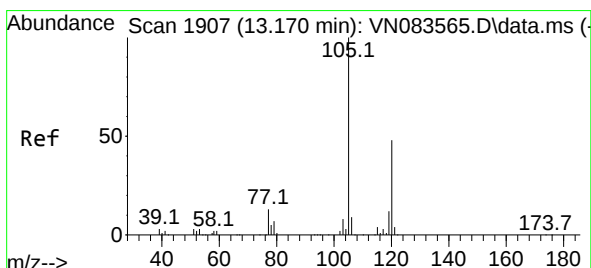
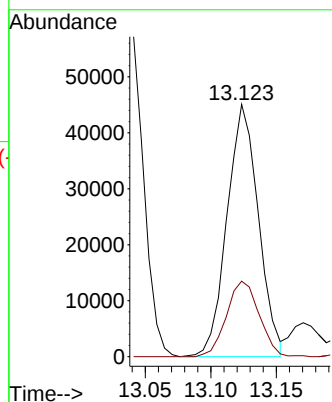
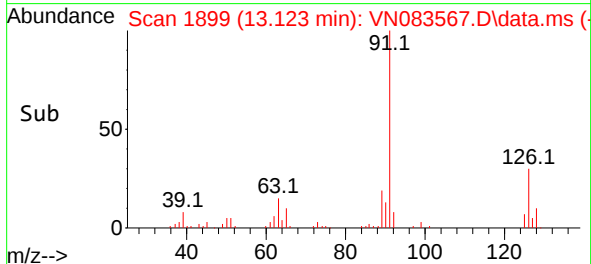
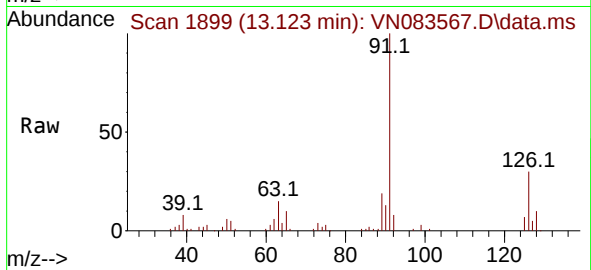
126 31.2 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#80

1,3,5-Trimethylbenzene

Concen: 9.720 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083567.D

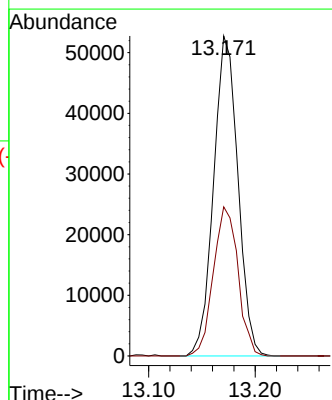
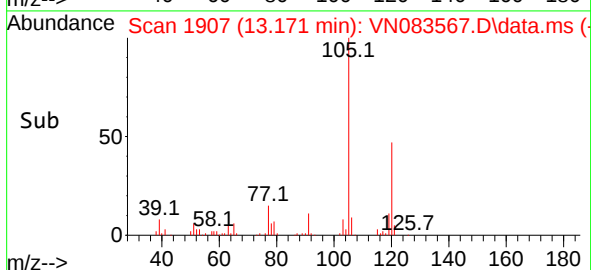
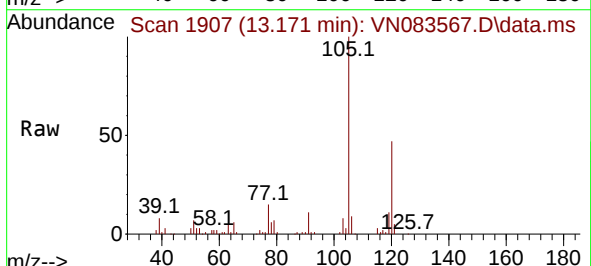
Acq: 30 Aug 2024 10:05

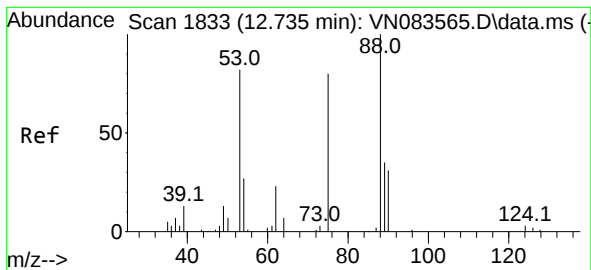
Tgt Ion:105 Resp: 83610

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.3





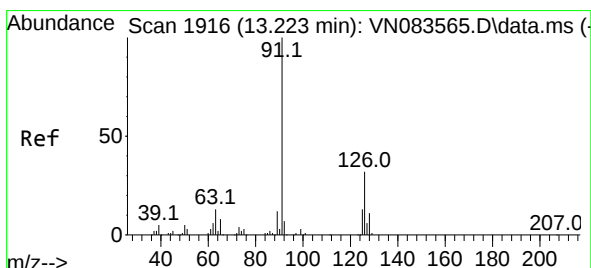
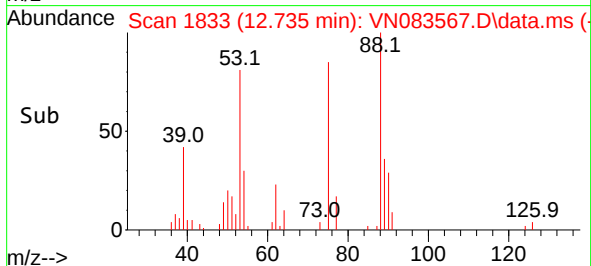
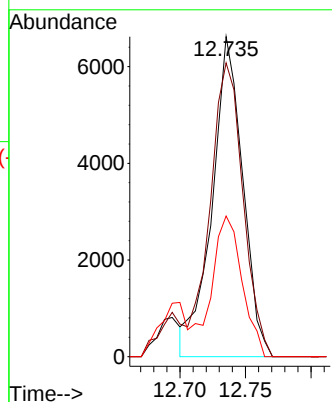
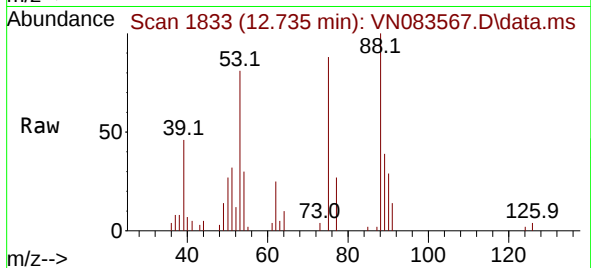
#81
trans-1,4-Dichloro-2-butene
Concen: 9.965 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 10762
Ion Ratio Lower Upper
75 100
53 97.9 81.2 121.8
89 39.7 35.7 53.5

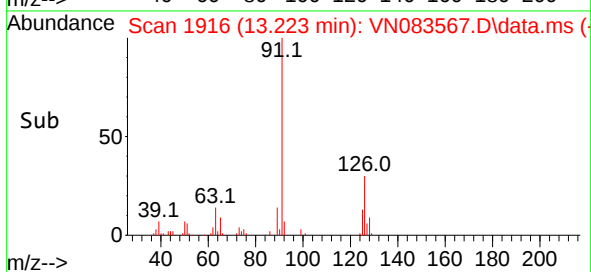
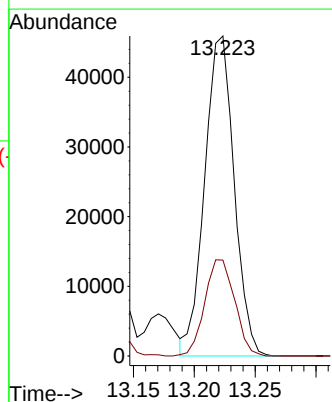
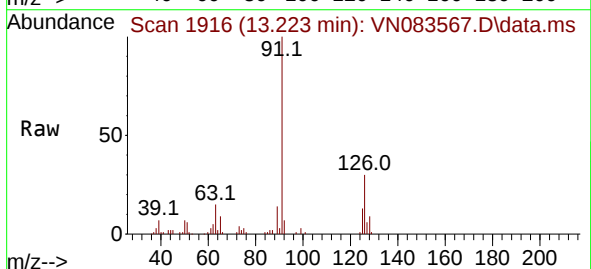
Manual Integrations
APPROVED

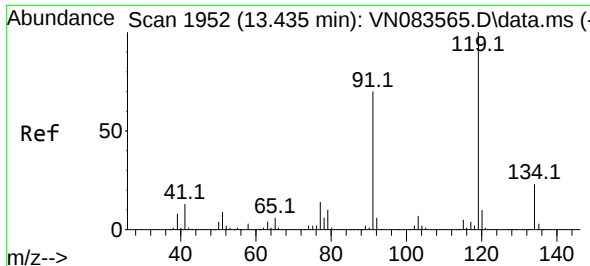
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#82
4-Chlorotoluene
Concen: 9.965 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

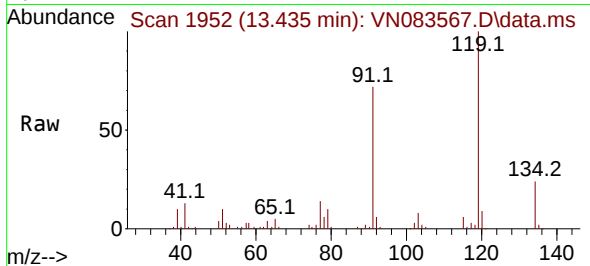
Tgt Ion: 91 Resp: 77442
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2





#83
tert-Butylbenzene
Concen: 9.946 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

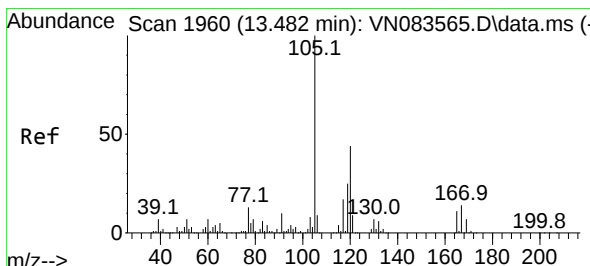
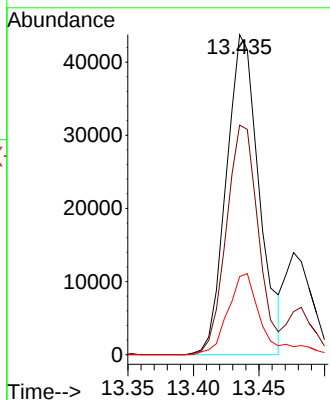
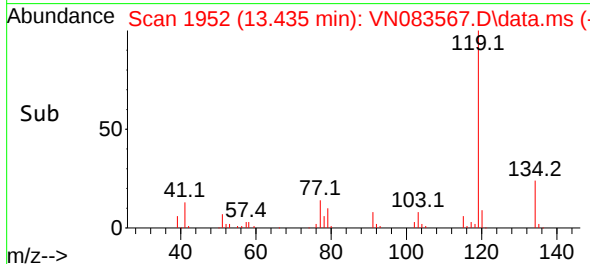
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



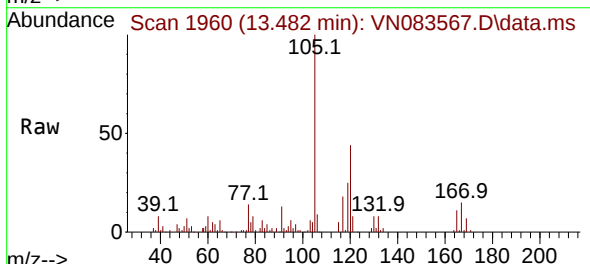
Tgt Ion:119 Resp: 7606
Ion Ratio Lower Upper
119 100
91 70.0 34.5 103.6
134 26.2 12.8 38.4

Manual Integrations
APPROVED

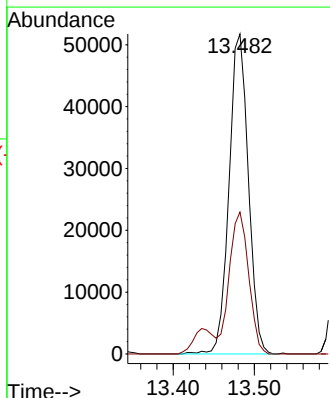
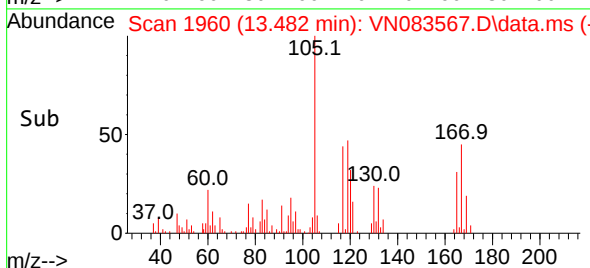
Reviewed By :John Carbone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

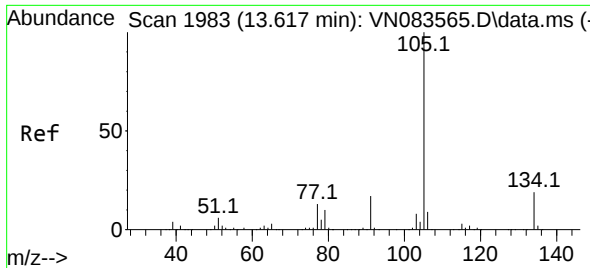


#84
1,2,4-Trimethylbenzene
Concen: 9.843 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05



Tgt Ion:105 Resp: 85225
Ion Ratio Lower Upper
105 100
120 44.6 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 9.859 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN083567.D
 Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

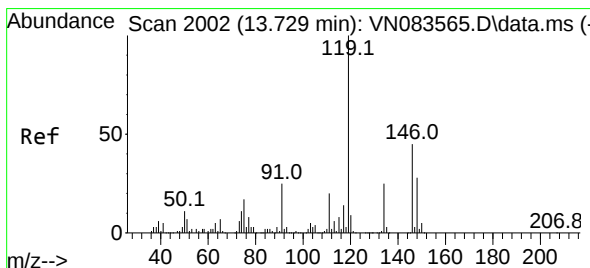
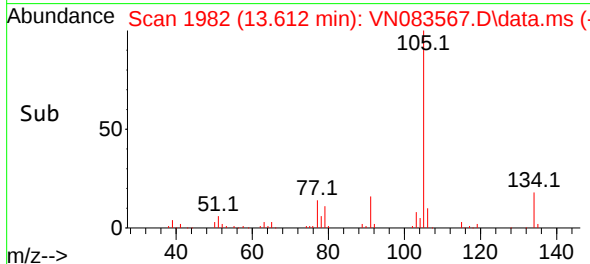
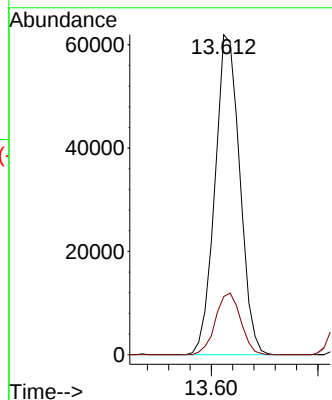
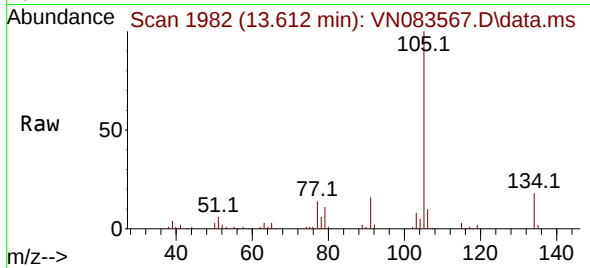
VSTDIC010

Tgt Ion:105 Resp: 100214
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

Manual Integrations

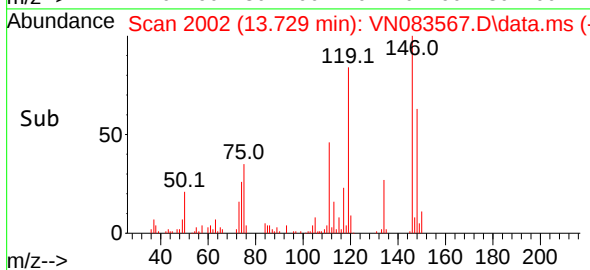
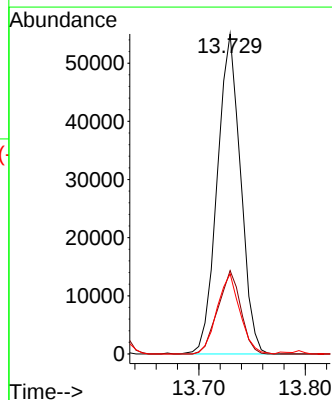
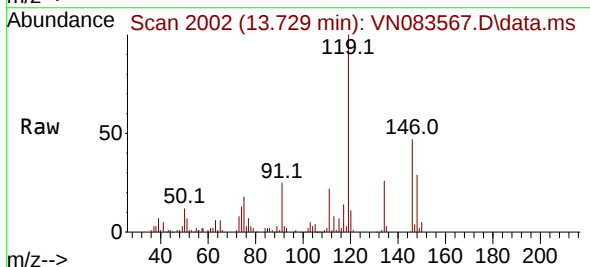
APPROVED

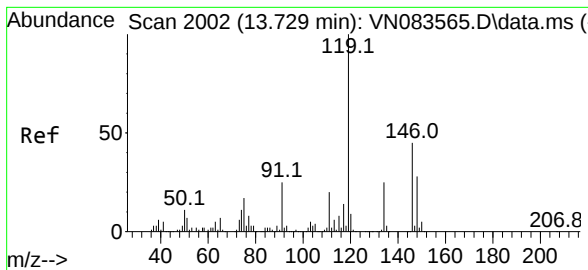
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#86
 p-Isopropyltoluene
 Concen: 9.848 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083567.D
 Acq: 30 Aug 2024 10:05

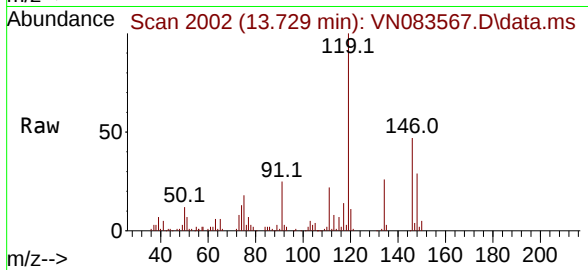
Tgt Ion:119 Resp: 83606
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.7 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 9.717 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

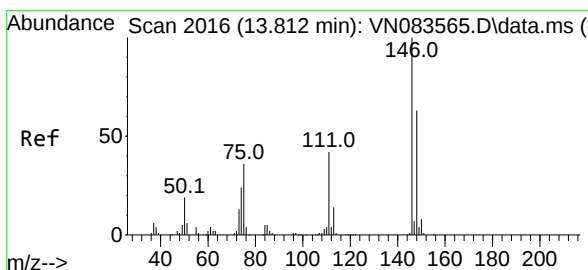
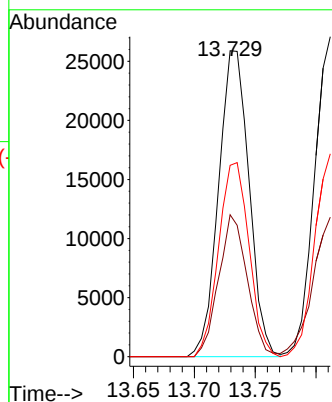
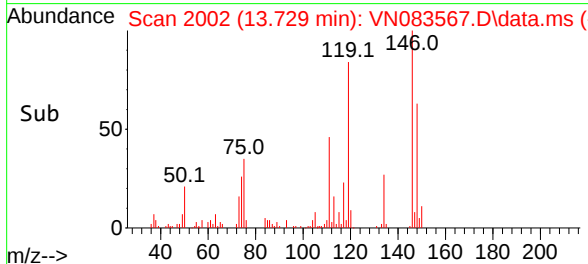
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:146 Resp: 4518
Ion Ratio Lower Upper
146 100
111 43.6 21.7 65.1
148 63.2 31.7 95.1

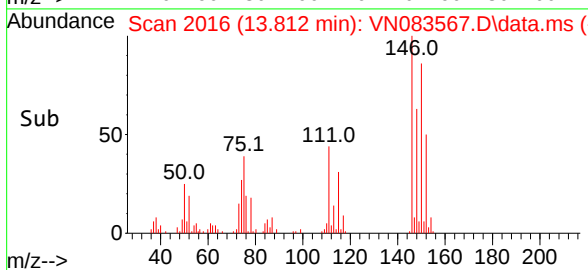
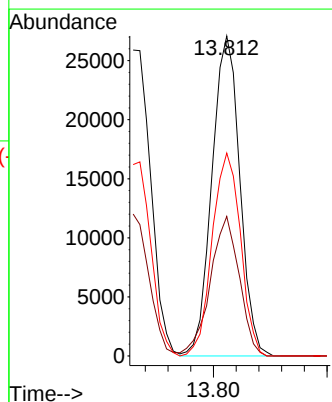
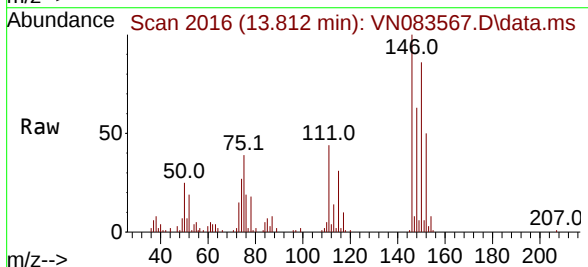
Manual Integrations
APPROVED

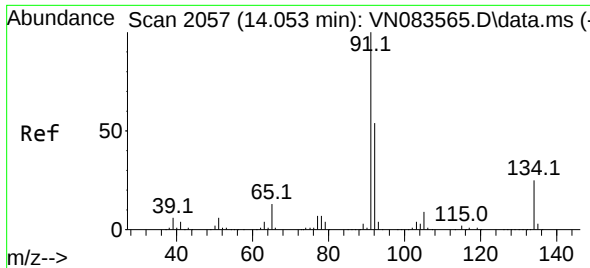
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#88
1,4-Dichlorobenzene
Concen: 9.666 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion:146 Resp: 46187
Ion Ratio Lower Upper
146 100
111 45.3 21.3 64.0
148 64.4 32.0 96.2





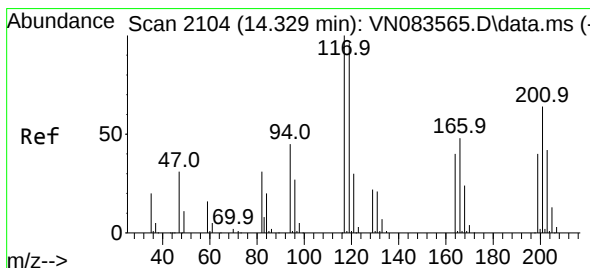
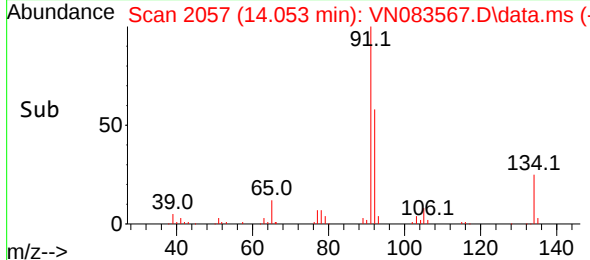
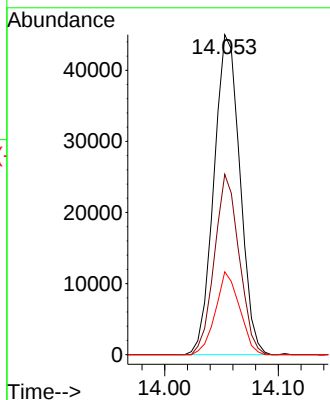
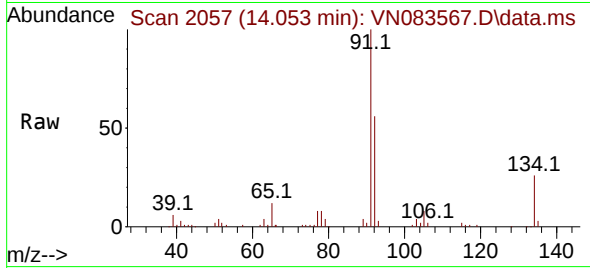
#89
n-Butylbenzene
Concen: 9.595 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 71658
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.1
134 24.0 12.2 36.4

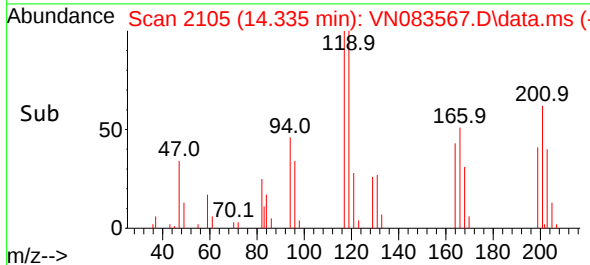
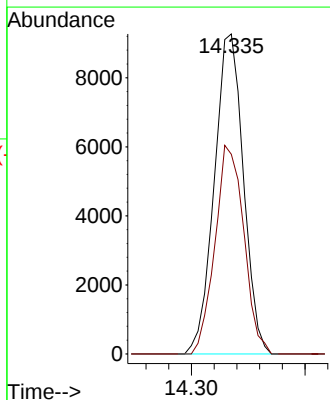
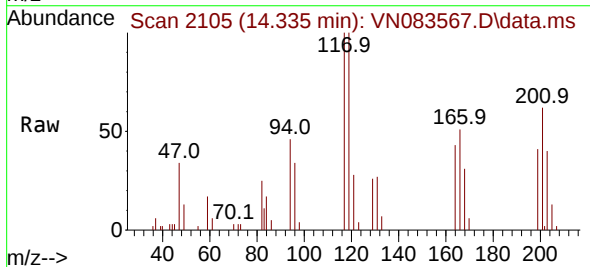
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#90
Hexachloroethane
Concen: 9.978 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion:117 Resp: 16490
Ion Ratio Lower Upper
117 100
201 64.6 32.8 98.3





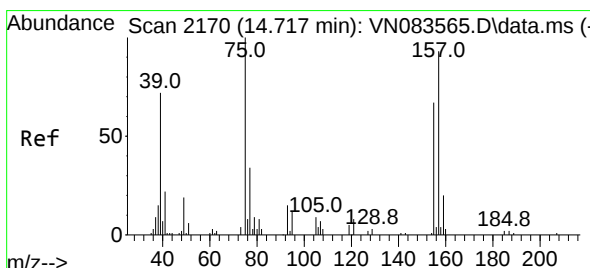
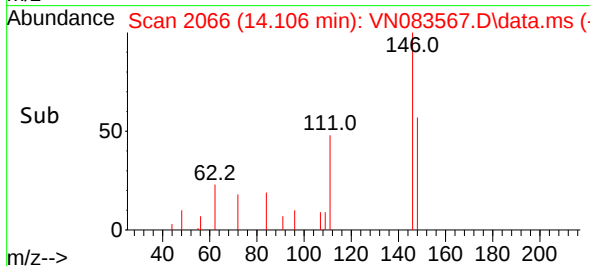
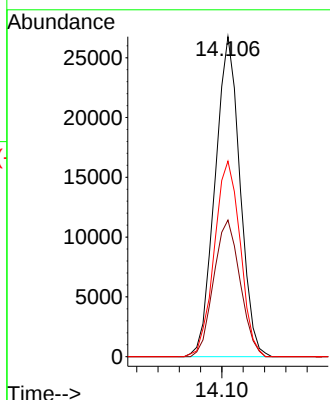
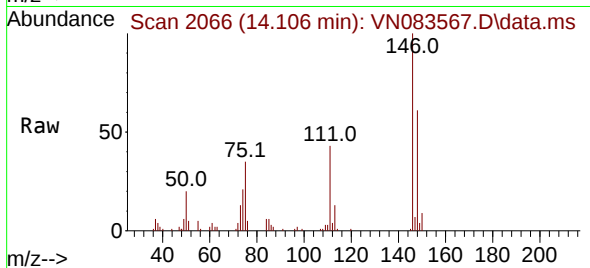
#91
1,2-Dichlorobenzene
Concen: 9.719 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 4352
Ion Ratio Lower Upper
146 100
111 45.2 22.8 68.3
148 63.5 32.1 96.5

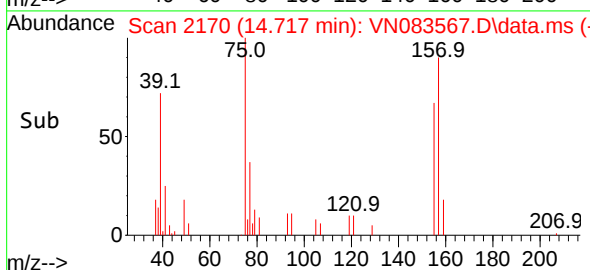
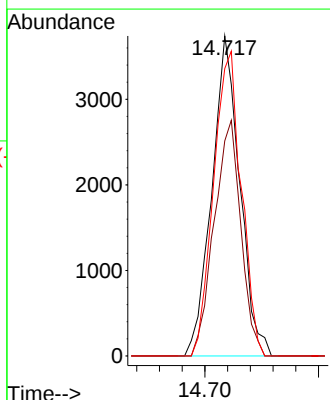
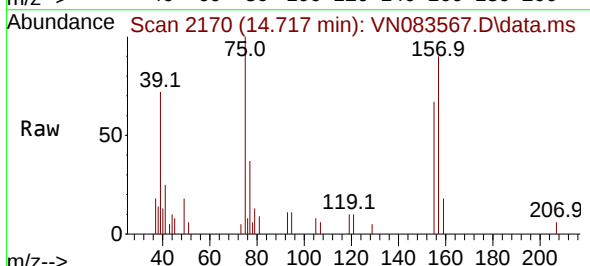
Manual Integrations
APPROVED

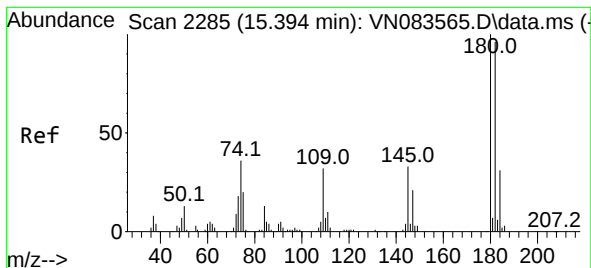
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.161 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion: 75 Resp: 6388
Ion Ratio Lower Upper
75 100
155 70.7 35.9 107.7
157 94.4 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 9.143 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

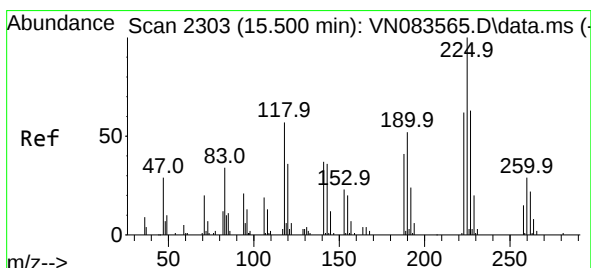
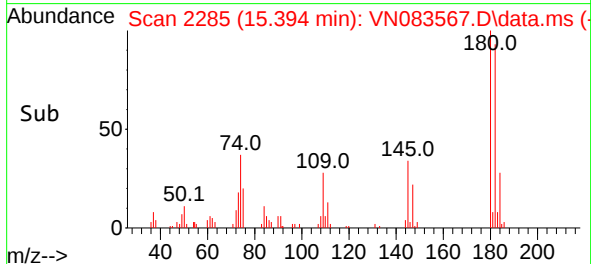
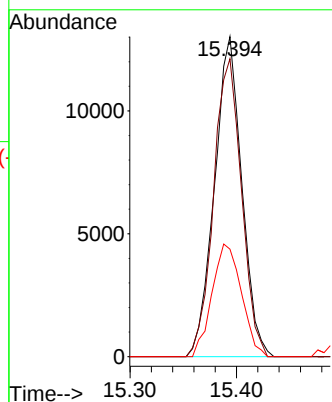
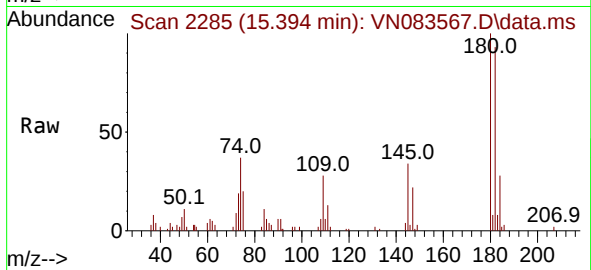
Tgt Ion:	180	Resp:	23218
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.1	144.3
145	37.8	16.9	50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#94

Hexachlorobutadiene

Concen: 9.952 ug/l

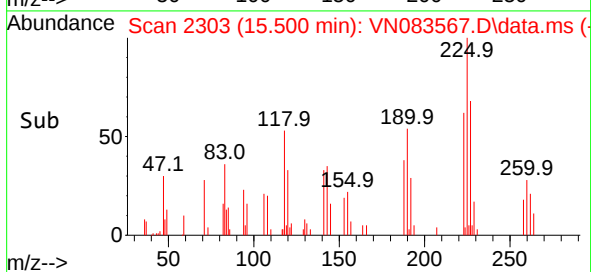
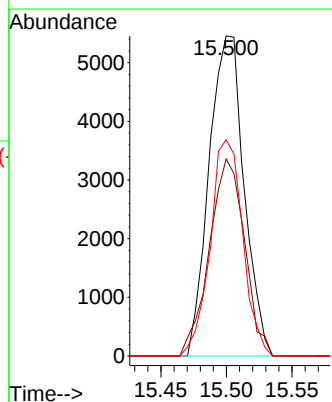
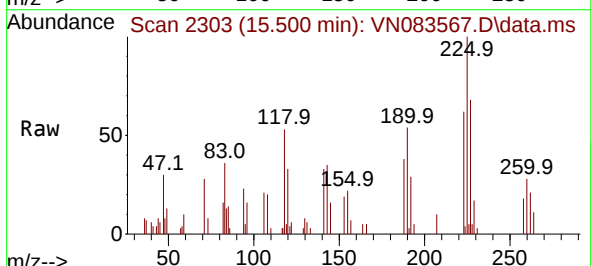
RT: 15.500 min Scan# 2303

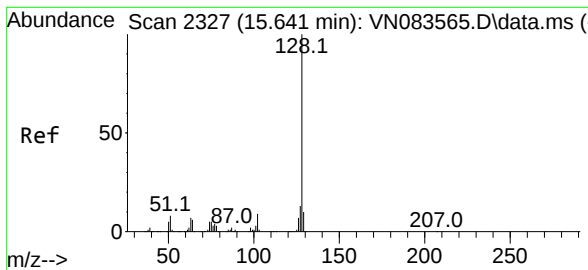
Delta R.T. 0.000 min

Lab File: VN083567.D

Acq: 30 Aug 2024 10:05

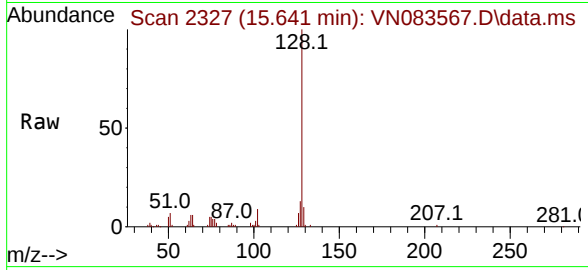
Tgt Ion:	225	Resp:	10121
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.9	95.5
227	62.7	32.0	96.2





#95
Naphthalene
Concen: 9.538 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

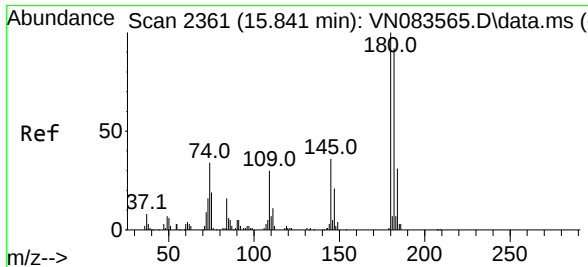
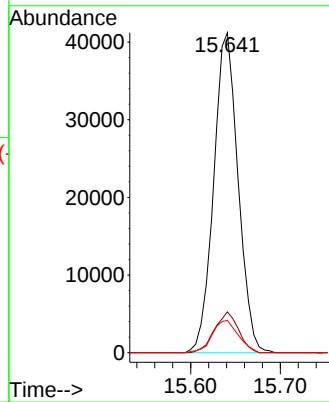
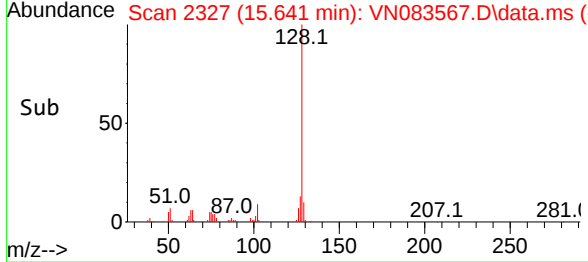
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 7782
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 9.381 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083567.D
Acq: 30 Aug 2024 10:05

Tgt Ion:180 Resp: 23797
Ion Ratio Lower Upper
180 100
182 93.8 47.1 141.4
145 35.4 17.8 53.5

