

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088345.D
 Acq On : 24 Nov 2025 13:11
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2025
 Supervised By : Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:10:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:08:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	277017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	520222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	454370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	210682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	26416	5.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.540%#		
35) Dibromofluoromethane	8.153	113	18802	5.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.540%#		
50) Toluene-d8	10.547	98	64962	4.778	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.560%#		
62) 4-Bromofluorobenzene	12.829	95	20929	4.383	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.760%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	18728	5.530	ug/l	78
3) Chloromethane	2.383	50	22161	5.630	ug/l	96
4) Vinyl Chloride	2.536	62	23377	5.542	ug/l	95
5) Bromomethane	2.971	94	11265	4.586	ug/l	89
6) Chloroethane	3.142	64	13946	4.694	ug/l	90
7) Trichlorofluoromethane	3.512	101	32404	4.974	ug/l	99
8) Diethyl Ether	3.959	74	12500	5.022	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	17577	5.203	ug/l	97
10) Methyl Iodide	4.577	142	13782	4.252	ug/l #	86
11) Tert butyl alcohol	5.524	59	20975	23.946	ug/l	98
12) 1,1-Dichloroethene	4.342	96	17186	4.802	ug/l #	75
13) Acrolein	4.171	56	20281	21.167	ug/l	95
14) Allyl chloride	5.006	41	31674	4.939	ug/l	98
15) Acrylonitrile	5.706	53	60208	25.303	ug/l	99
16) Acetone	4.424	43	49209	20.327	ug/l	97
17) Carbon Disulfide	4.695	76	56594	5.124	ug/l	98
18) Methyl Acetate	5.012	43	29034	5.519	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	62035	4.613	ug/l	96
20) Methylene Chloride	5.271	84	20834	4.915	ug/l #	80
21) trans-1,2-Dichloroethene	5.777	96	18495	4.671	ug/l	96
22) Diisopropyl ether	6.653	45	66886	4.963	ug/l	94
23) Vinyl Acetate	6.589	43	260201m	21.808	ug/l	
24) 1,1-Dichloroethane	6.547	63	39629	5.298	ug/l	98
25) 2-Butanone	7.465	43	74555	22.648	ug/l	97
26) 2,2-Dichloropropane	7.465	77	31387	4.669	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	22190	4.838	ug/l	96
28) Bromochloromethane	7.794	49	19995	5.723	ug/l	99
29) Tetrahydrofuran	7.824	42	54983	25.113	ug/l	100
30) Chloroform	7.953	83	37740	5.081	ug/l	99
31) Cyclohexane	8.241	56	40171	5.829	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	33772	5.154	ug/l #	85
36) 1,1-Dichloropropene	8.347	75	28193	5.368	ug/l	96
37) Ethyl Acetate	7.547	43	35286	5.054	ug/l	98
38) Carbon Tetrachloride	8.341	117	26194	4.839	ug/l	89
39) Methylcyclohexane	9.583	83	28179	4.292	ug/l	95
40) Benzene	8.588	78	80904	5.014	ug/l	91

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MSVOA_N

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VSTDICC005

Manual Integrations

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M

Quant Title : SW846 8260

QLast Update : Tue Nov 25 01:08:44 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	16819	4.652	ug/l	95
42) 1,2-Dichloroethane	8.653	62	31962	5.480	ug/l	98
43) Isopropyl Acetate	8.677	43	52990	4.976	ug/l	99
44) Trichloroethene	9.335	130	20005	5.321	ug/l	89
45) 1,2-Dichloropropane	9.600	63	20897	5.101	ug/l	96
46) Dibromomethane	9.688	93	15209	5.195	ug/l	98
47) Bromodichloromethane	9.865	83	30479	5.198	ug/l #	91
48) Methyl methacrylate	9.665	41	22513	4.579	ug/l	95
49) 1,4-Dioxane	9.688	88	6435	103.870	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	160328	25.401	ug/l	100
52) Toluene	10.606	92	46057	4.673	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	28774	4.621	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	32170	4.869	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	18669	4.965	ug/l	96
56) Ethyl methacrylate	10.859	69	25089	4.184	ug/l	98
57) 1,3-Dichloropropane	11.141	76	33183	5.006	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	83959	26.251	ug/l	98
59) 2-Hexanone	11.182	43	78248	18.852	ug/l	96
60) Dibromochloromethane	11.335	129	20078	4.697	ug/l	96
61) 1,2-Dibromoethane	11.447	107	19090	4.919	ug/l	95
64) Tetrachloroethene	11.077	164	17642	5.552	ug/l	92
65) Chlorobenzene	11.871	112	51903	4.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	16899	4.842	ug/l	95
67) Ethyl Benzene	11.941	91	84509	4.556	ug/l	97
68) m/p-Xylenes	12.047	106	62717	9.044	ug/l	96
69) o-Xylene	12.382	106	28111	4.278	ug/l	94
70) Styrene	12.394	104	46583	4.327	ug/l	99
71) Bromoform	12.565	173	12418	4.774	ug/l #	98
73) Isopropylbenzene	12.676	105	74324	4.486	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.918	83	25666	4.956	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	25268m	5.045	ug/l	
77) Bromobenzene	12.959	156	18654	5.143	ug/l	93
78) n-propylbenzene	13.018	91	89952	4.455	ug/l	97
79) 2-Chlorotoluene	13.106	91	58975	5.072	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	62949	4.574	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.729	75	7483	4.106	ug/l #	78
82) 4-Chlorotoluene	13.200	91	59617	4.734	ug/l	97
83) tert-Butylbenzene	13.418	119	51988	4.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.465	105	59560	4.319	ug/l	99
85) sec-Butylbenzene	13.594	105	76137	4.278	ug/l	99
86) p-Isopropyltoluene	13.706	119	59155	4.127	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	33144	4.633	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	38453	4.987	ug/l	93
89) n-Butylbenzene	14.035	91	56132	3.979	ug/l	99
90) Hexachloroethane	14.312	117	11594	4.214	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	33169	4.804	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	5979	4.862	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	18203	4.379	ug/l	99
94) Hexachlorobutadiene	15.476	225	6667	4.376	ug/l	95
95) Naphthalene	15.617	128	60329	4.195	ug/l	98
96) 1,2,3-Trichlorobenzene	15.817	180	17918	4.465	ug/l	96

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

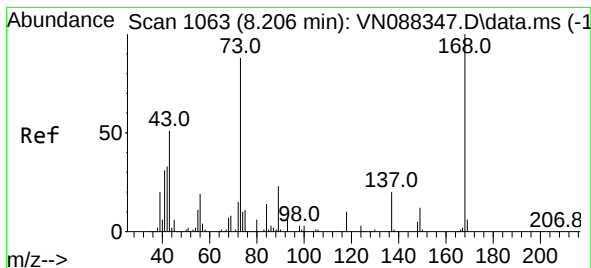
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

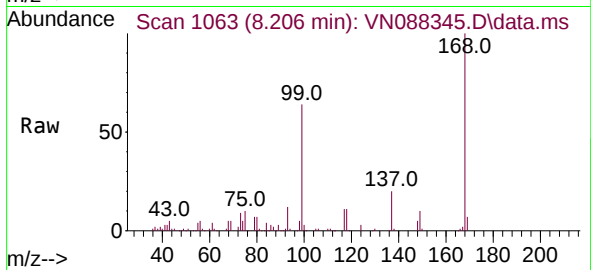
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088345.D
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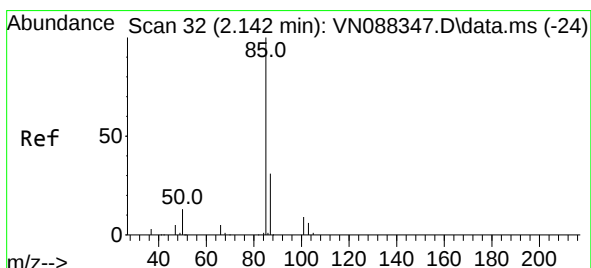
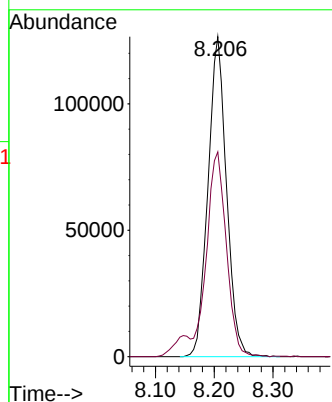
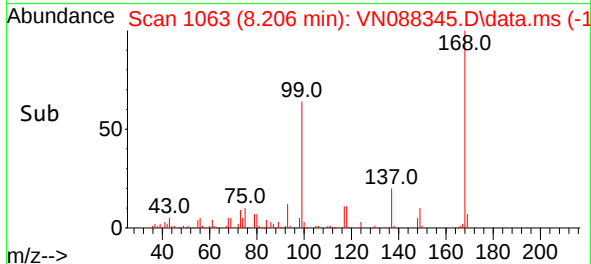
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 27701
Ion Ratio Lower Upper
168 100
99 63.8 57.1 85.7

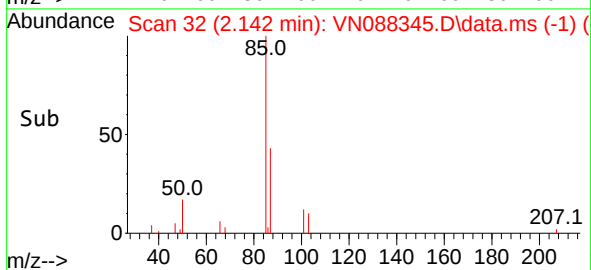
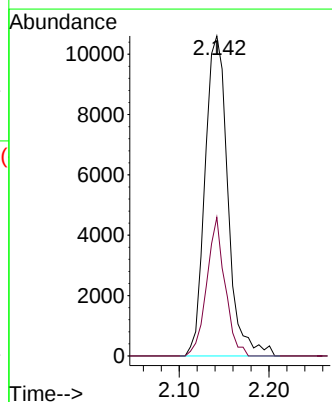
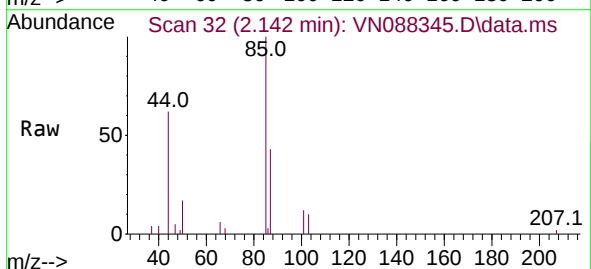
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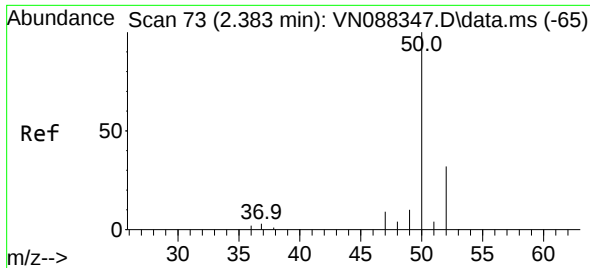
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#2
Dichlorodifluoromethane
Concen: 5.530 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 85 Resp: 18728
Ion Ratio Lower Upper
85 100
87 43.3 15.6 46.7





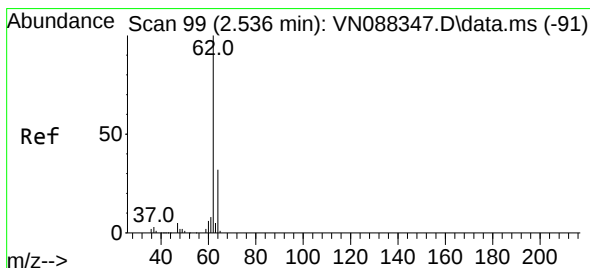
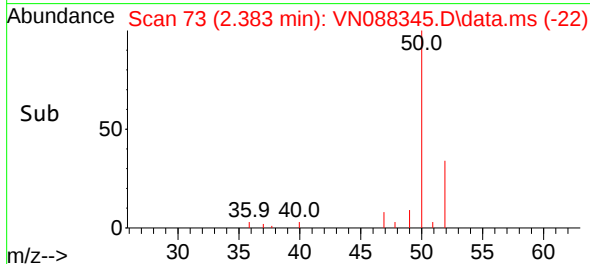
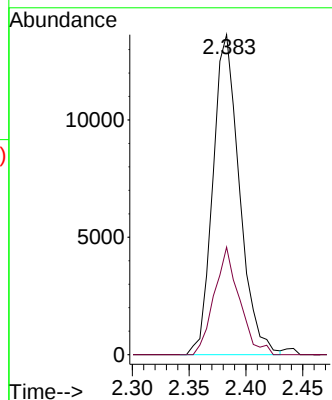
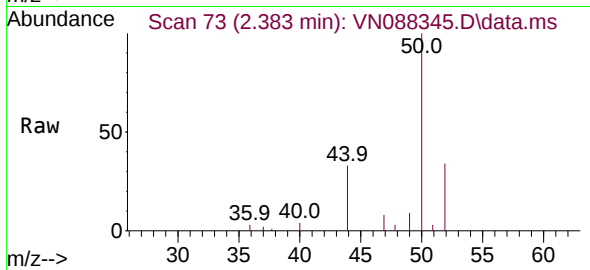
#3
Chloromethane
Concen: 5.630 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

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ClientSampleId :
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Tgt Ion: 50 Resp: 2216
Ion Ratio Lower Upper
50 100
52 33.6 25.2 37.8

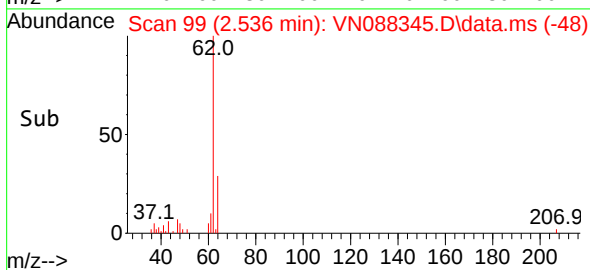
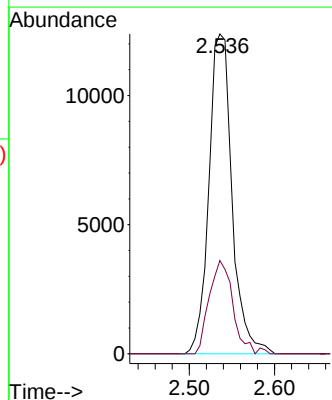
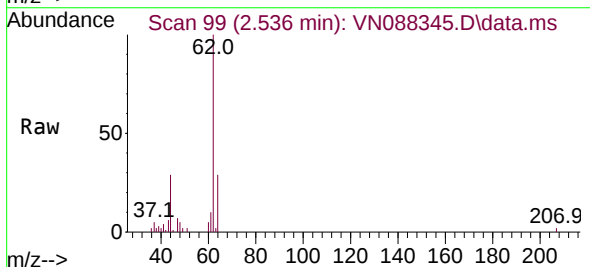
Manual Integrations
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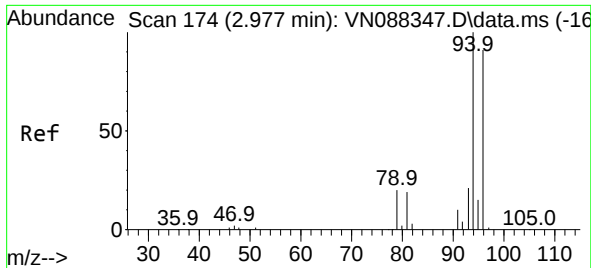
Reviewed By :John Carlone 11/25/2025
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#4
Vinyl Chloride
Concen: 5.542 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

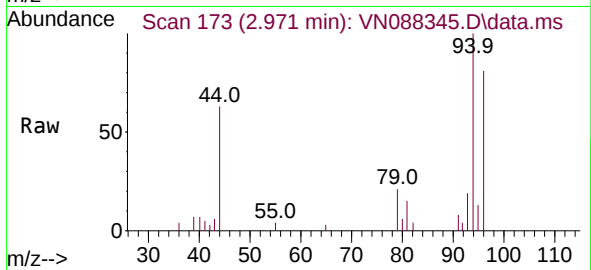
Tgt Ion: 62 Resp: 23377
Ion Ratio Lower Upper
62 100
64 29.2 25.4 38.2





#5
Bromomethane
Concen: 4.586 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

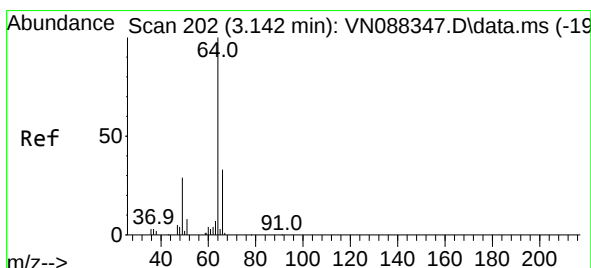
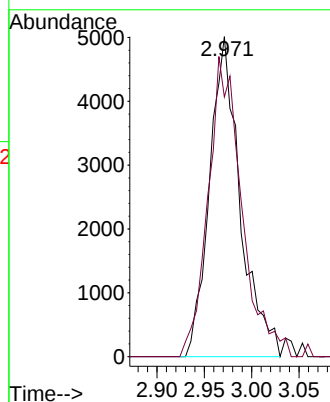
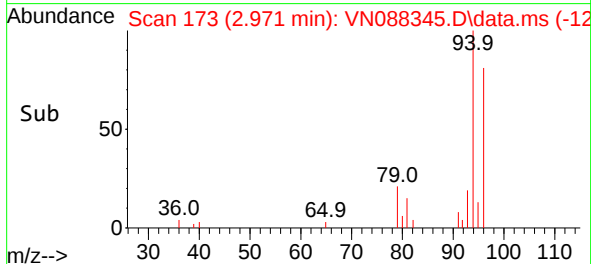
Instrument :
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Tgt Ion: 94 Resp: 11265
Ion Ratio Lower Upper
94 100
96 81.1 73.2 109.8

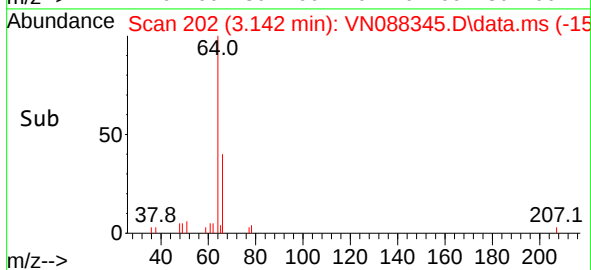
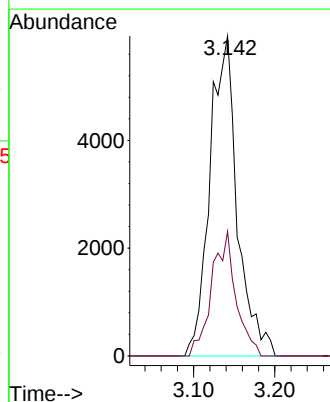
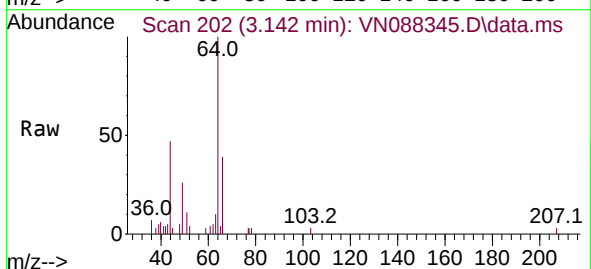
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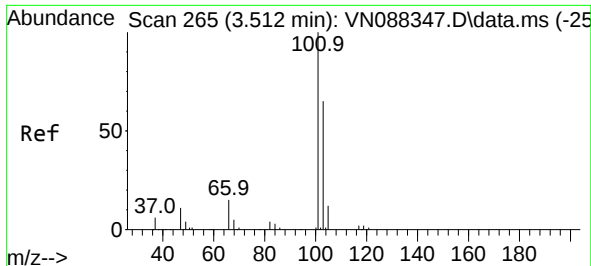
Reviewed By :John Carlone 11/25/2025
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#6
Chloroethane
Concen: 4.694 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 64 Resp: 13946
Ion Ratio Lower Upper
64 100
66 38.9 26.4 39.6





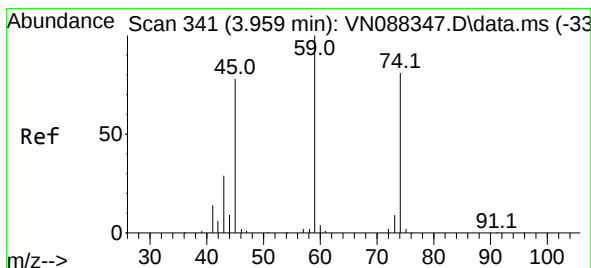
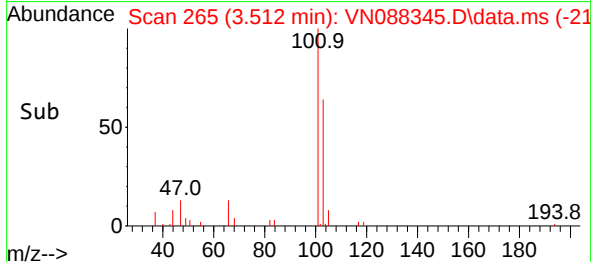
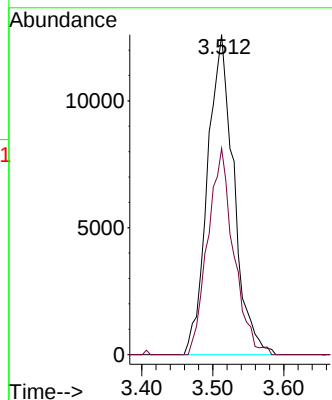
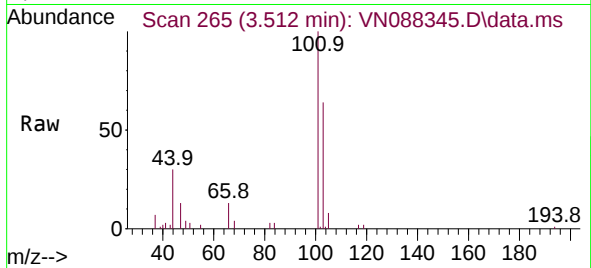
#7
 Trichlorofluoromethane
 Concen: 4.974 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 32404
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

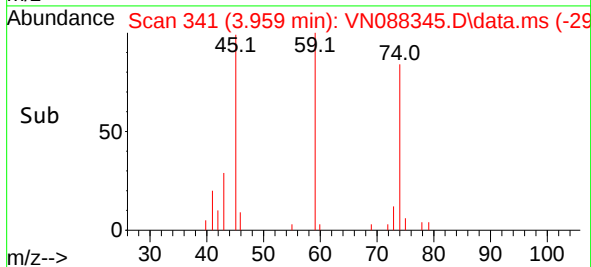
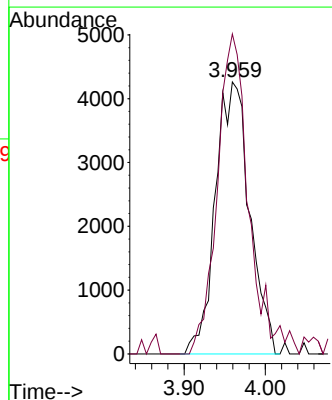
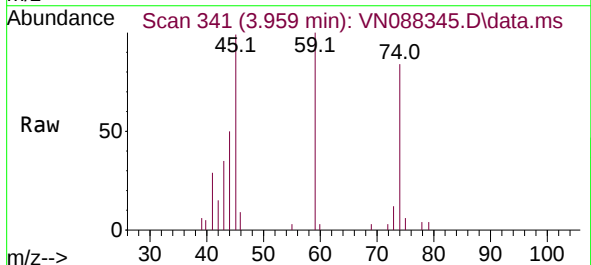
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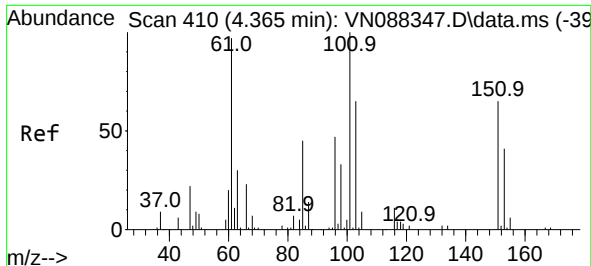
Reviewed By :John Carlone 11/25/2025
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#8
 Diethyl Ether
 Concen: 5.022 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Tgt Ion: 74 Resp: 12500
 Ion Ratio Lower Upper
 74 100
 45 104.6 54.2 162.6





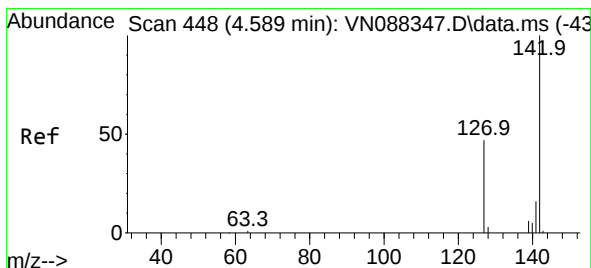
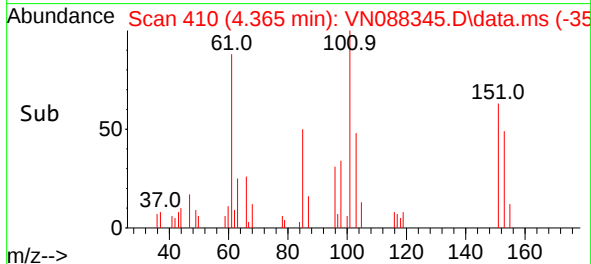
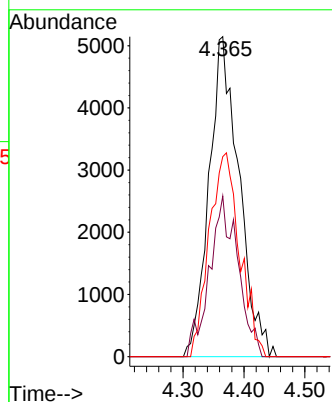
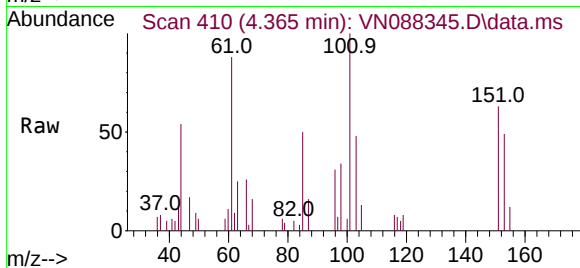
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.203 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088345.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1757
Ion Ratio Lower Upper
101 100
85 47.6 39.2 58.8
151 64.7 53.6 80.4

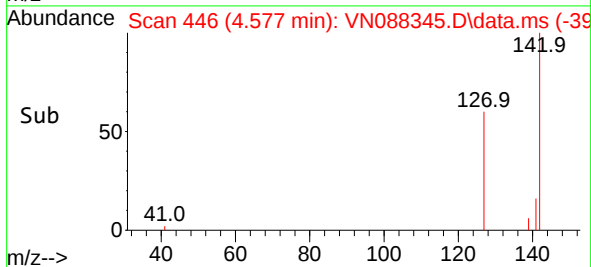
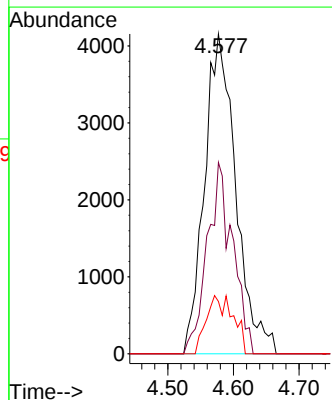
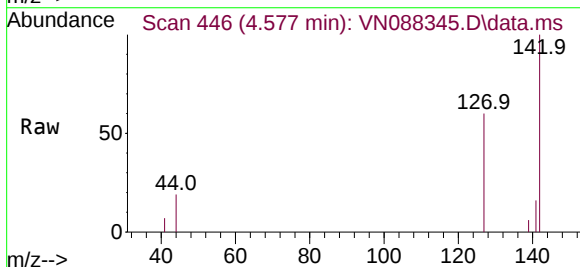
Manual Integrations
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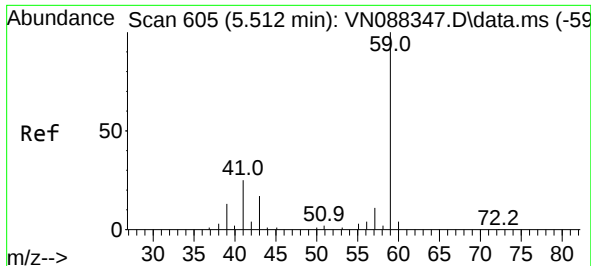
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#10
Methyl Iodide
Concen: 4.252 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:142 Resp: 13782
Ion Ratio Lower Upper
142 100
127 59.8 37.9 56.9#
141 16.4 12.4 18.6





#11

Tert butyl alcohol

Concen: 23.946 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 20975

Ion Ratio Lower Upper

59 100

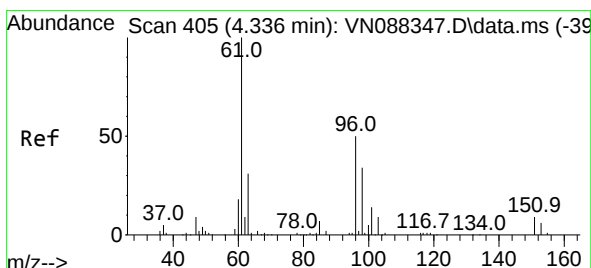
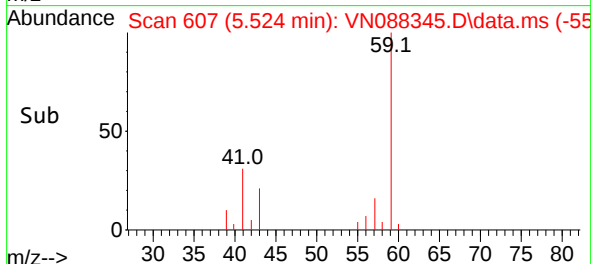
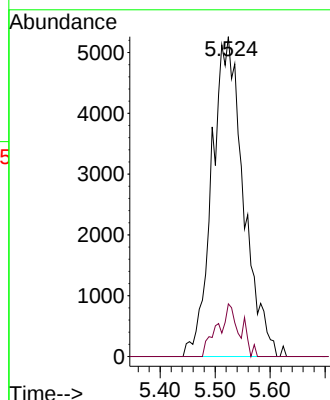
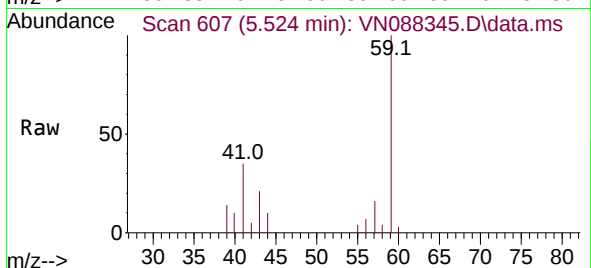
57 9.8 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#12

1,1-Dichloroethene

Concen: 4.802 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

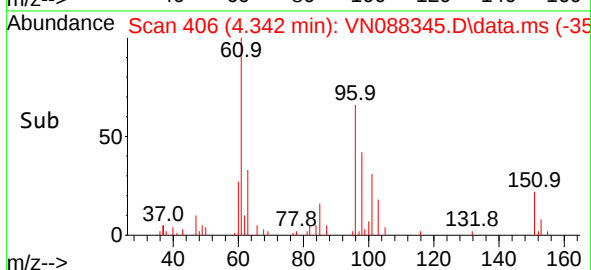
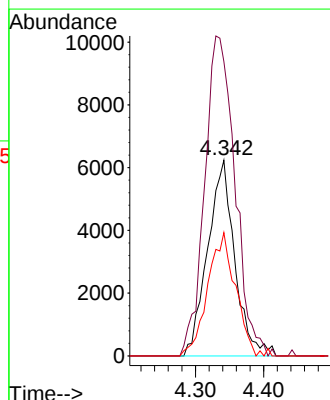
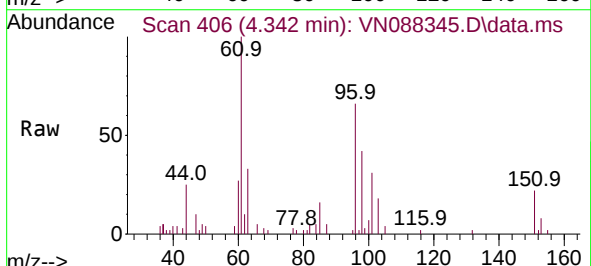
Tgt Ion: 96 Resp: 17186

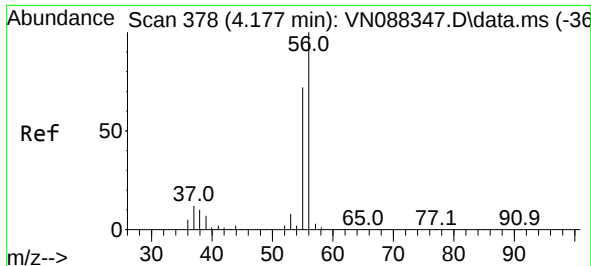
Ion Ratio Lower Upper

96 100

61 150.5 159.1 238.7#

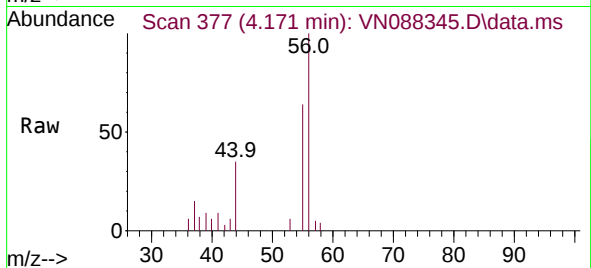
98 63.0 53.7 80.5





#13
Acrolein
Concen: 21.167 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

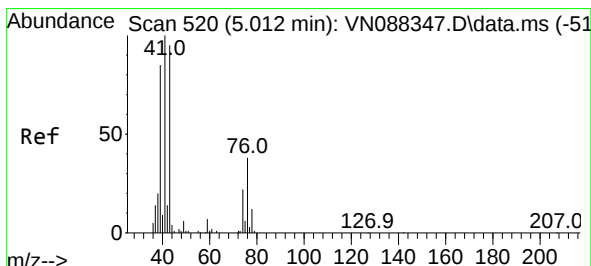
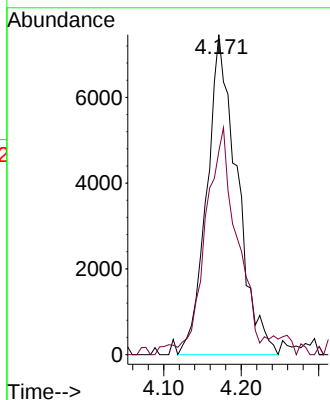
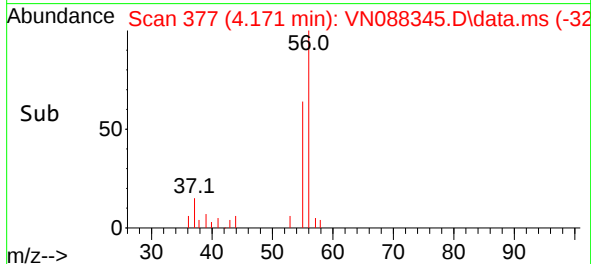
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



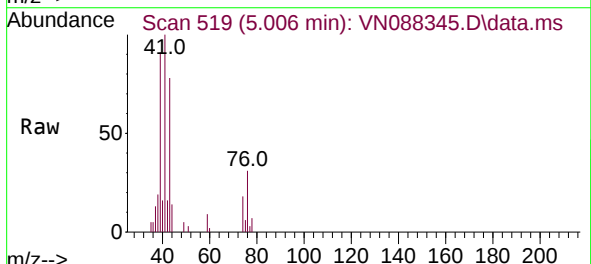
Tgt Ion: 56 Resp: 2028
Ion Ratio Lower Upper
56 100
55 74.2 56.3 84.5

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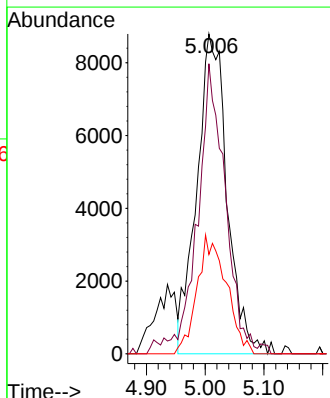
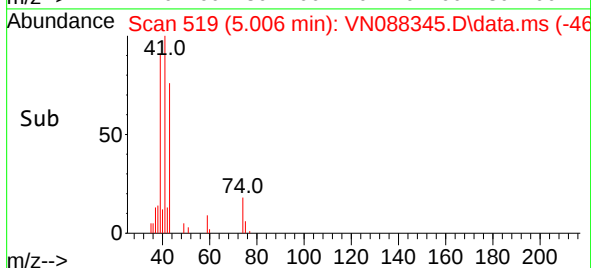
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

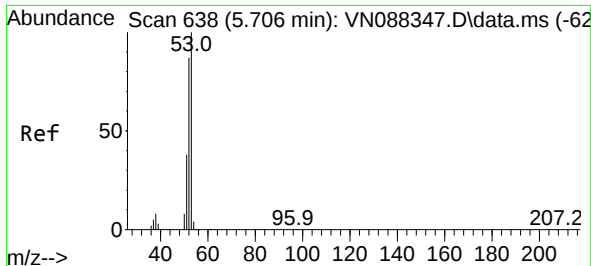


#14
Allyl chloride
Concen: 4.939 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11



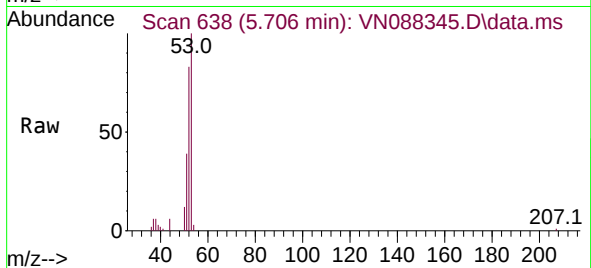
Tgt Ion: 41 Resp: 31674
Ion Ratio Lower Upper
41 100
39 82.8 64.7 97.1
76 35.6 29.1 43.7





#15
Acrylonitrile
Concen: 25.303 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

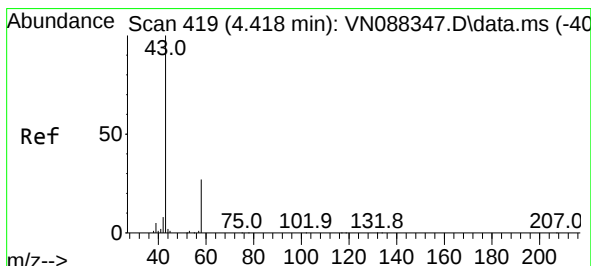
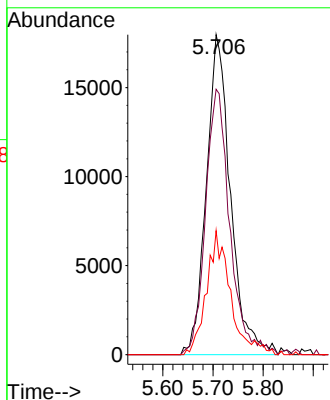
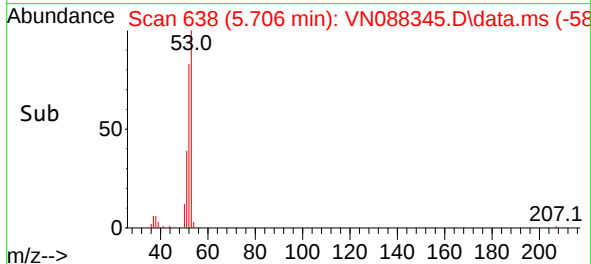
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



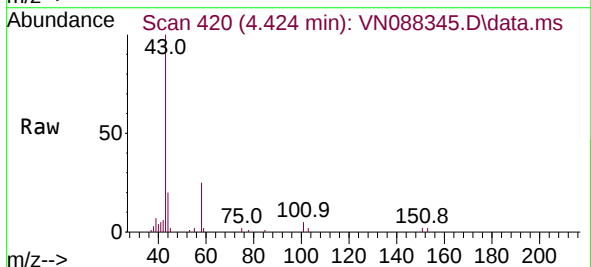
Tgt Ion: 53 Resp: 60208
Ion Ratio Lower Upper
53 100
52 83.3 67.8 101.6
51 36.5 29.8 44.8

Manual Integrations
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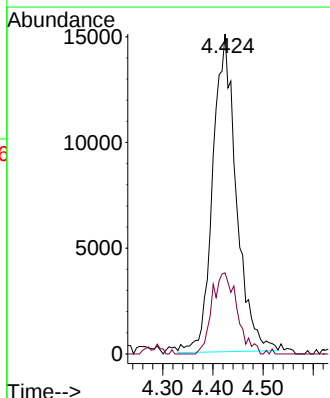
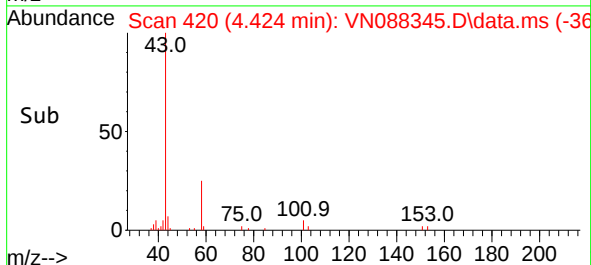
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

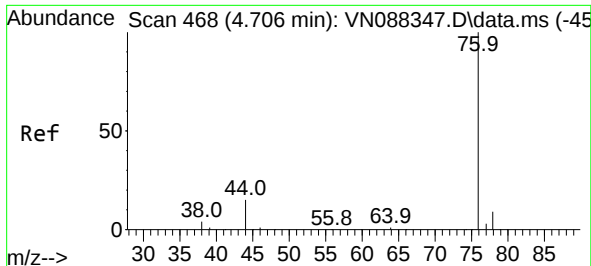


#16
Acetone
Concen: 20.327 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11



Tgt Ion: 43 Resp: 49209
Ion Ratio Lower Upper
43 100
58 25.6 21.7 32.5





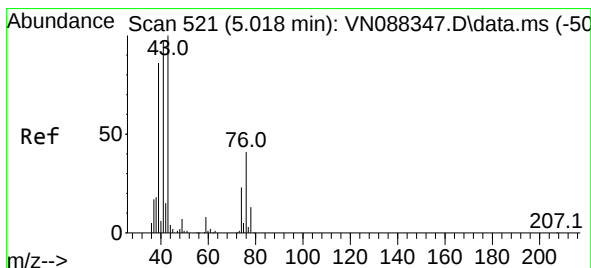
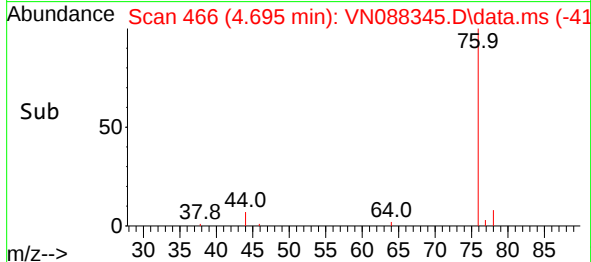
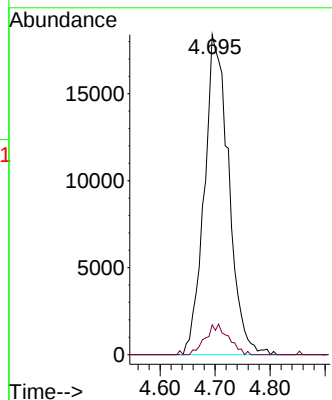
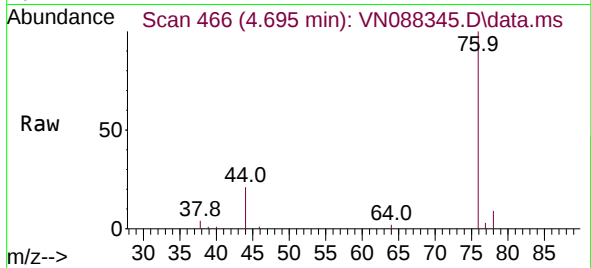
#17
Carbon Disulfide
Concen: 5.124 ug/l
RT: 4.695 min Scan# 468
Delta R.T. -0.012 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 56594
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

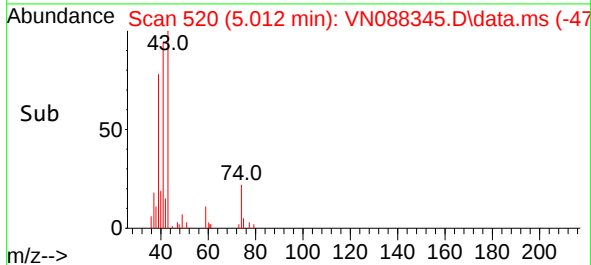
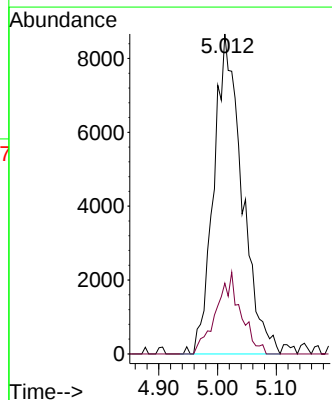
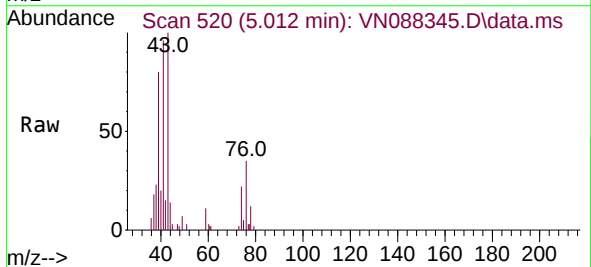
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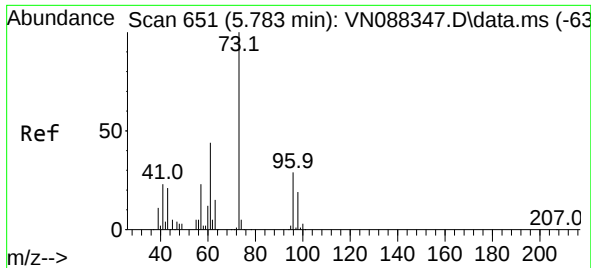
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#18
Methyl Acetate
Concen: 5.519 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 43 Resp: 29034
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9





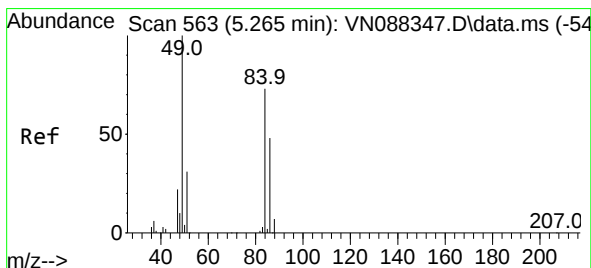
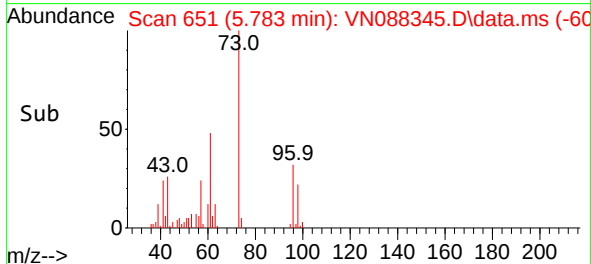
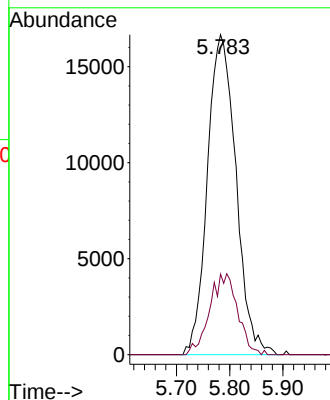
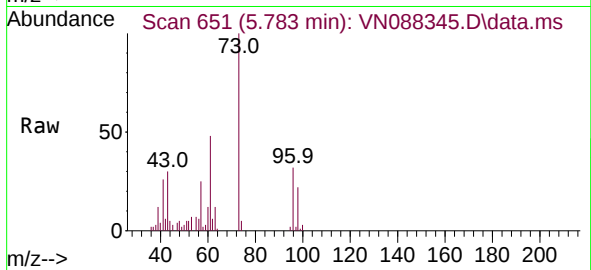
#19
Methyl tert-butyl Ether
Concen: 4.613 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 62035
Ion Ratio Lower Upper
73 100
57 25.2 18.6 28.0

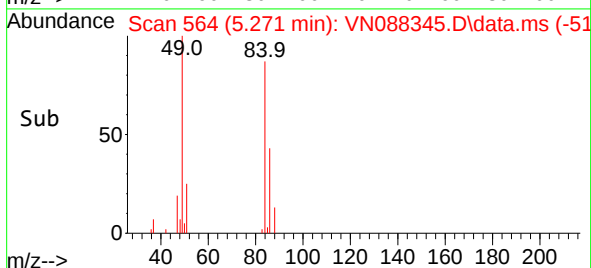
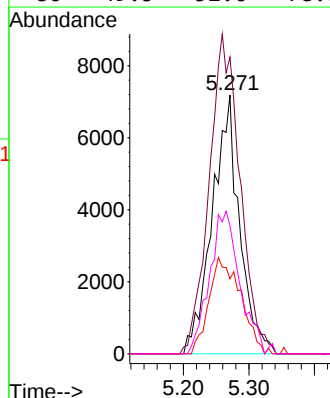
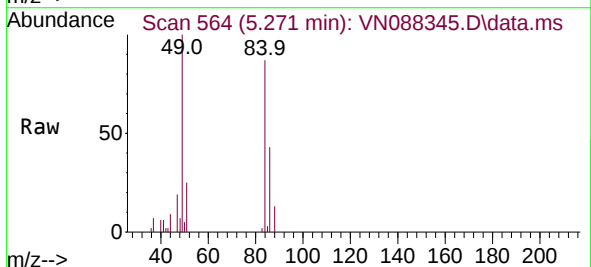
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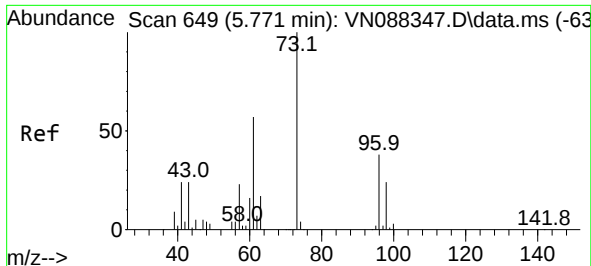
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#20
Methylene Chloride
Concen: 4.915 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

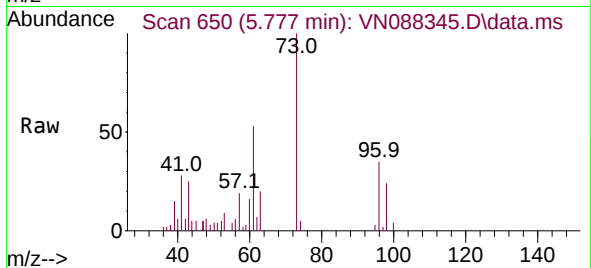
Tgt Ion: 84 Resp: 20834
Ion Ratio Lower Upper
84 100
49 114.6 110.2 165.2
51 29.0 34.1 51.1#
86 49.5 52.6 78.8#





#21
trans-1,2-Dichloroethene
Concen: 4.671 ug/l
RT: 5.777 min Scan# 649
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

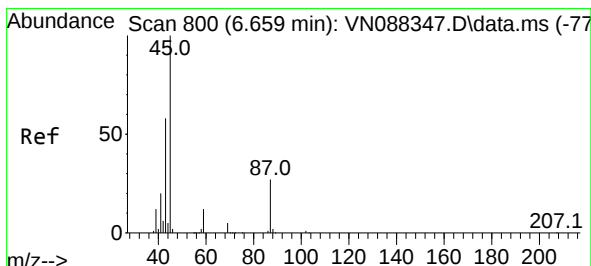
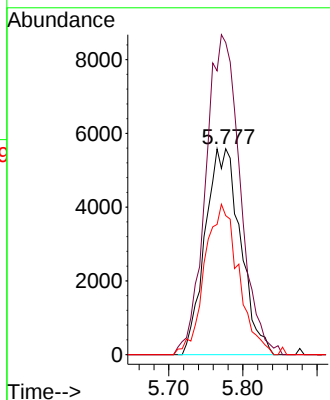
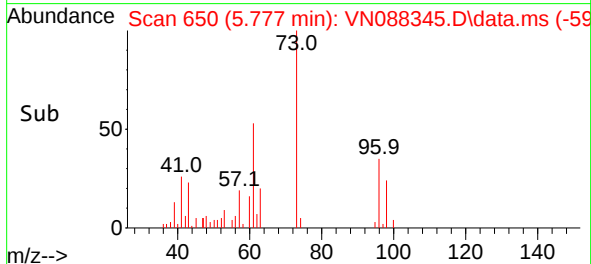
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 18495
Ion Ratio Lower Upper
96 100
61 147.9 122.4 183.6
98 67.5 50.9 76.3

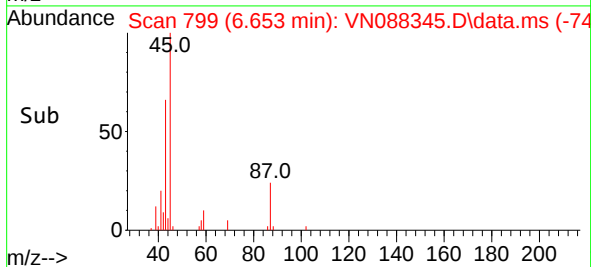
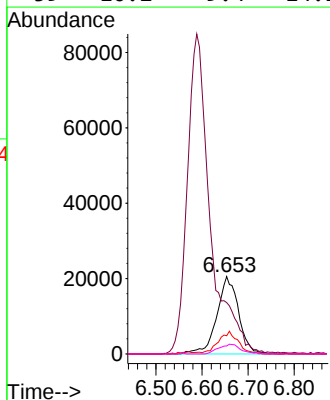
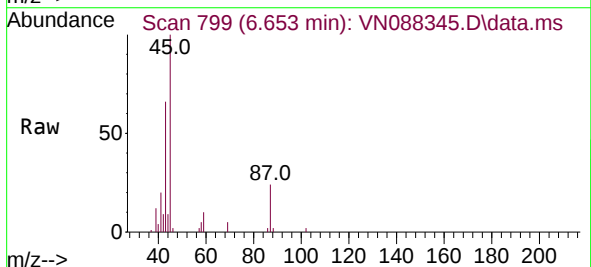
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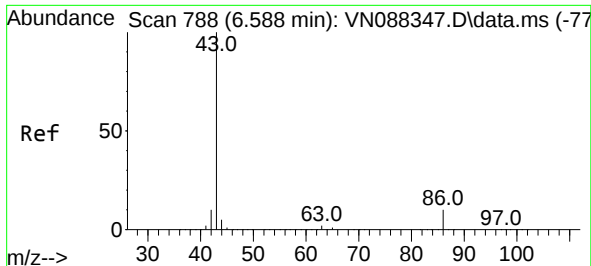
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#22
Diisopropyl ether
Concen: 4.963 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 45 Resp: 66886
Ion Ratio Lower Upper
45 100
43 64.1 47.4 71.2
87 23.5 21.9 32.9
59 10.2 9.4 14.2





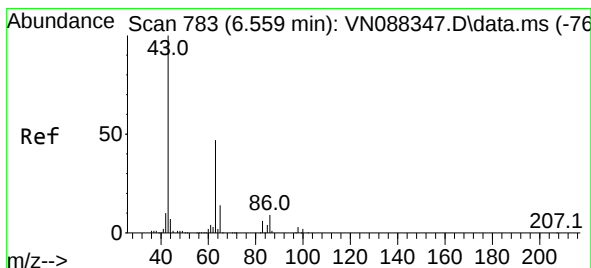
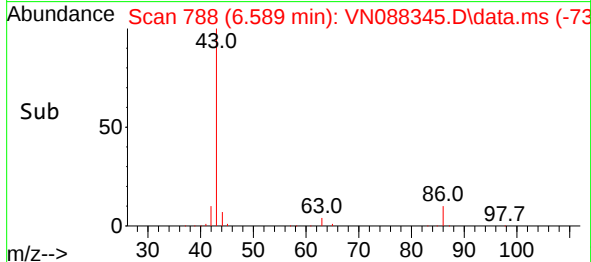
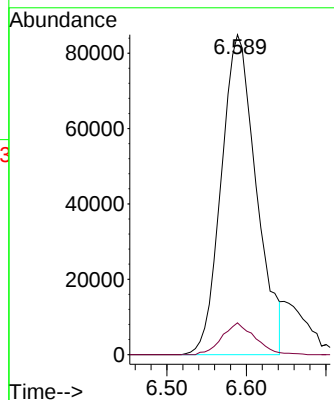
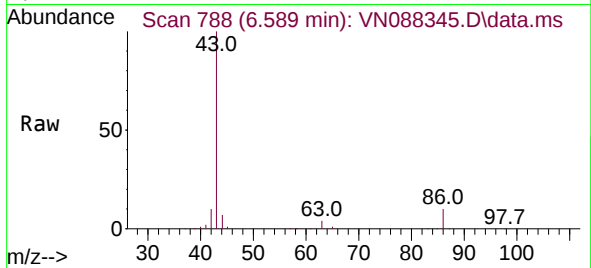
#23
 Vinyl Acetate
 Concen: 21.808 ug/l m
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 26020
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

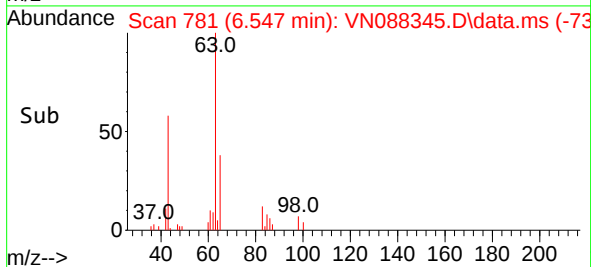
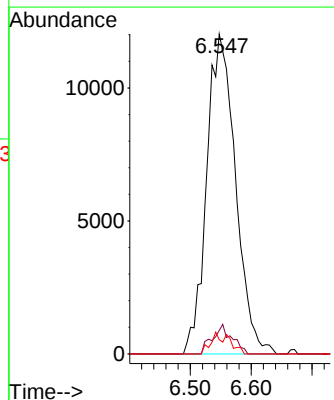
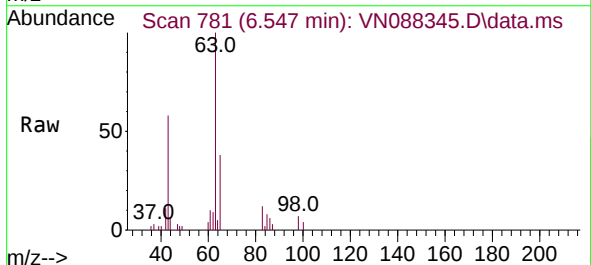
Manual Integrations
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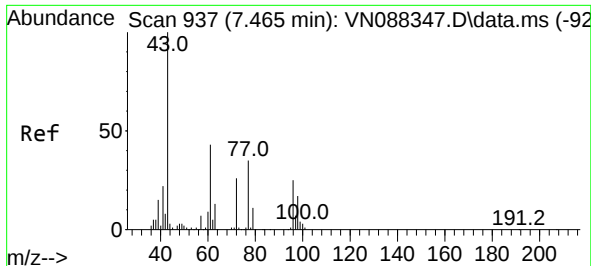
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#24
 1,1-Dichloroethane
 Concen: 5.298 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Tgt Ion: 63 Resp: 39629
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.4 1.9 5.7





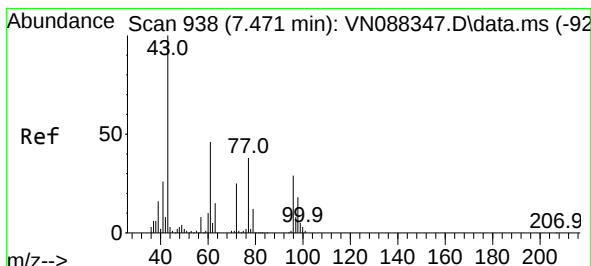
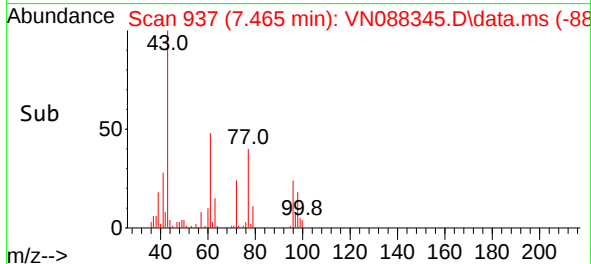
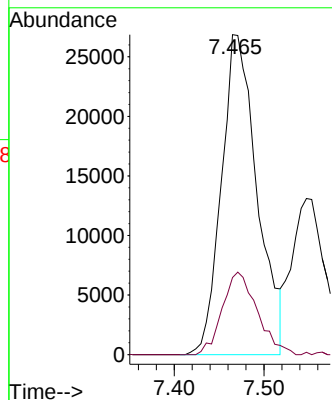
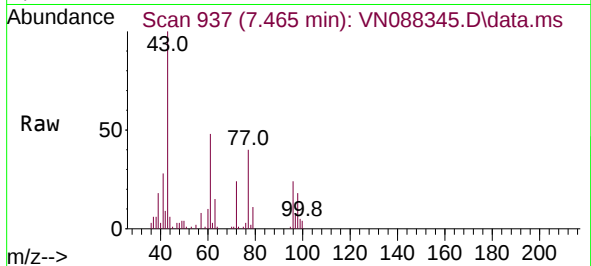
#25
2-Butanone
Concen: 22.648 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7455
Ion Ratio Lower Upper
43 100
72 24.1 20.5 30.7

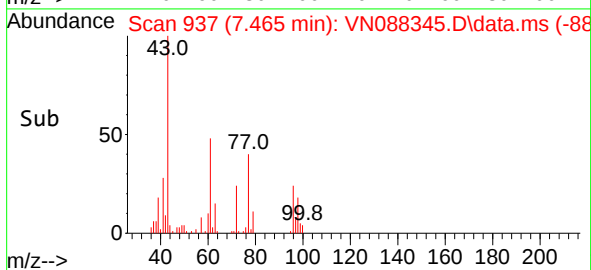
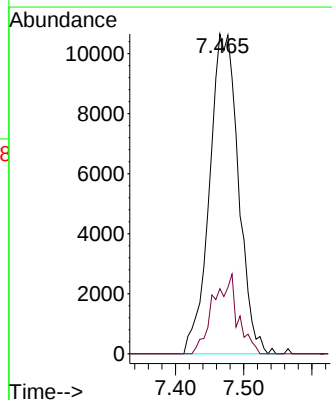
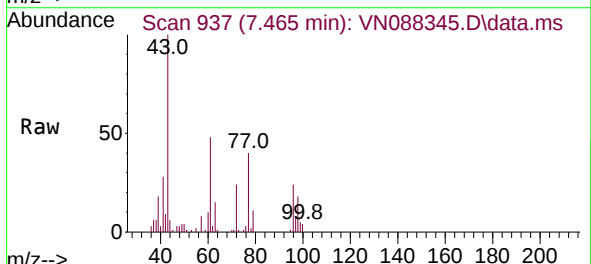
Manual Integrations
APPROVED

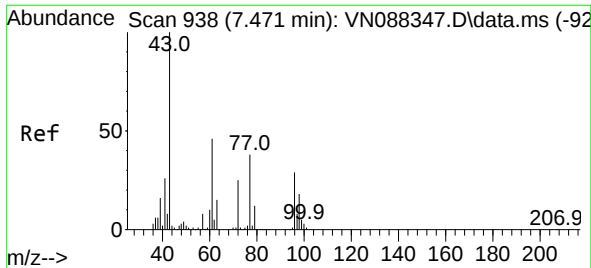
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#26
2,2-Dichloropropane
Concen: 4.669 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

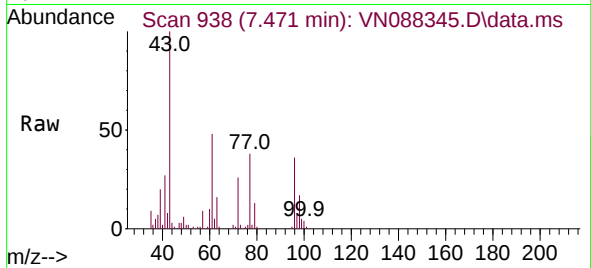
Tgt Ion: 77 Resp: 31387
Ion Ratio Lower Upper
77 100
97 21.1 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 4.838 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

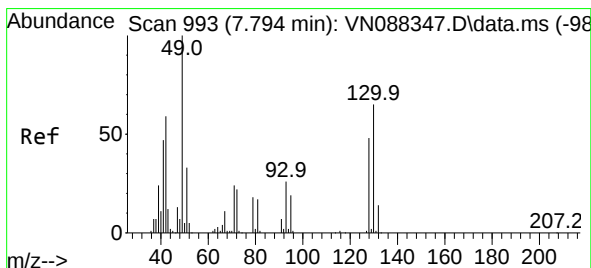
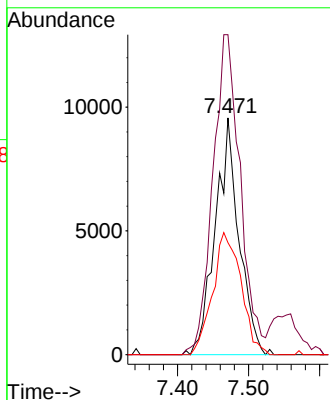
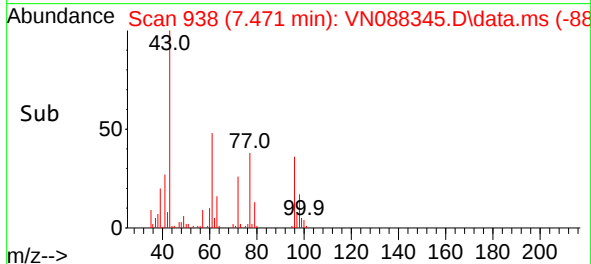
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 22190
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 323.6
 98 61.8 0.0 127.2

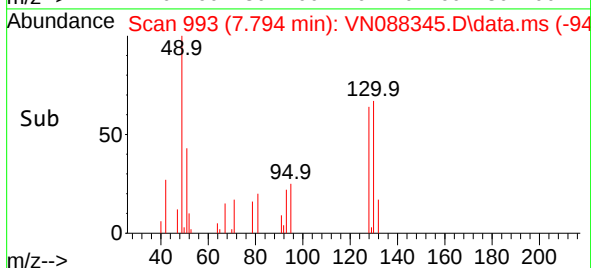
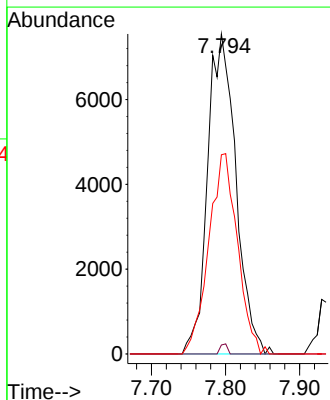
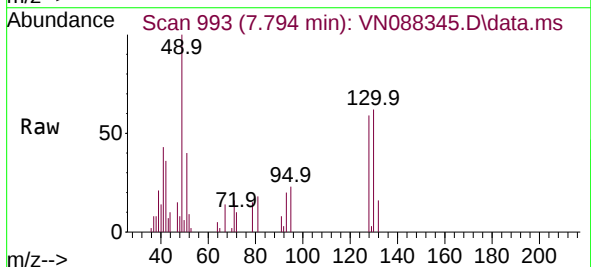
Manual Integrations
 APPROVED

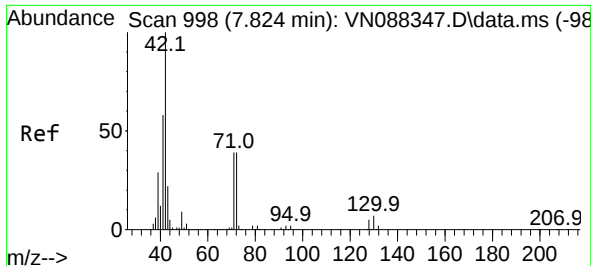
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#28
 Bromochloromethane
 Concen: 5.723 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

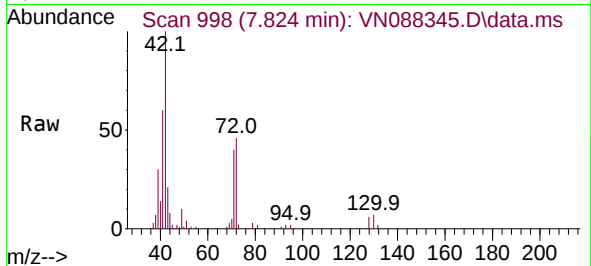
Tgt Ion: 49 Resp: 19995
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.6
 130 63.5 51.1 76.7





#29
Tetrahydrofuran
Concen: 25.113 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

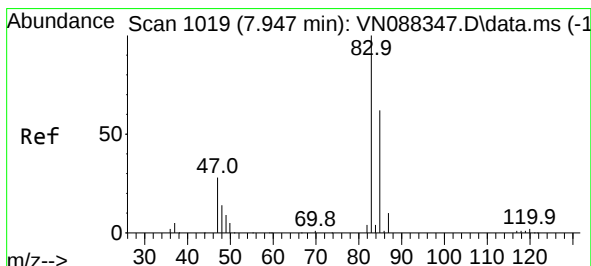
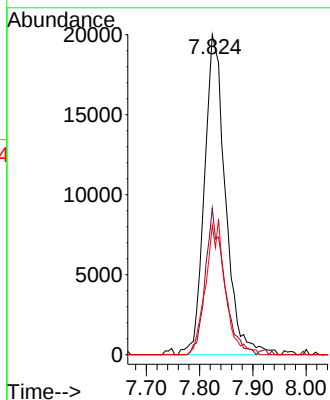
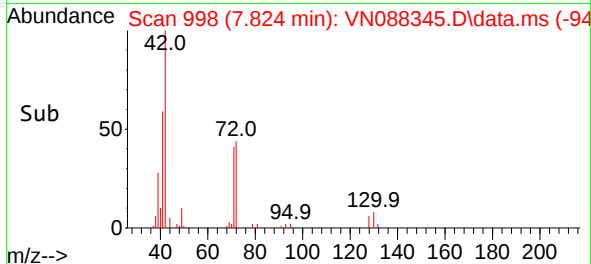
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 42 Resp: 54983
Ion Ratio Lower Upper
42 100
72 40.7 32.2 48.4
71 39.0 31.1 46.7

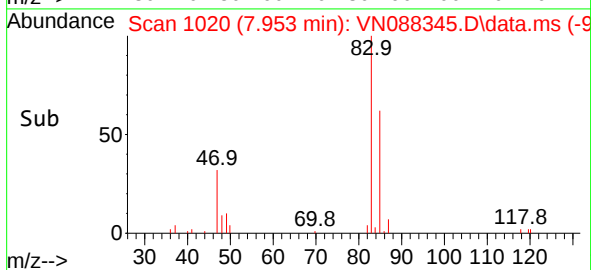
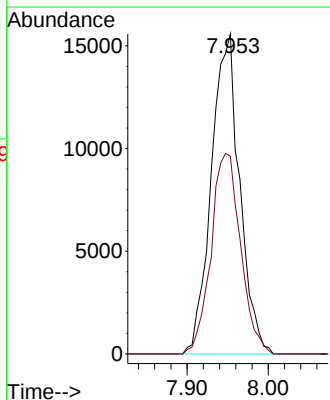
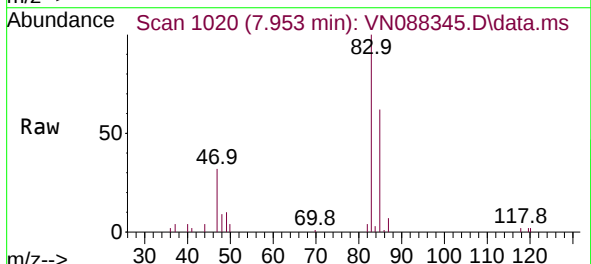
Manual Integrations
APPROVED

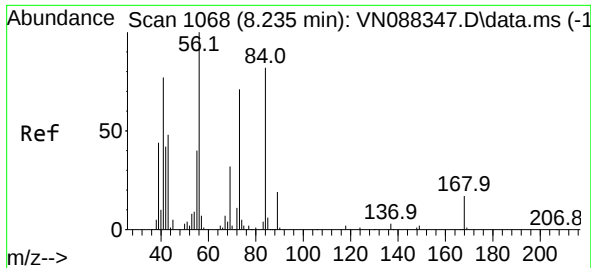
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#30
Chloroform
Concen: 5.081 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

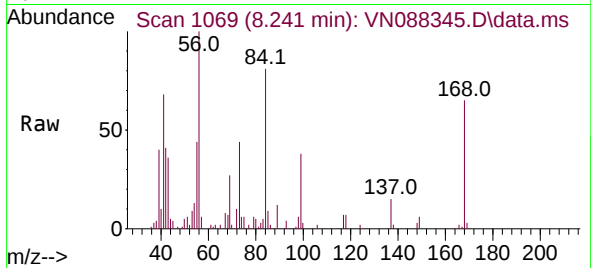
Tgt Ion: 83 Resp: 37740
Ion Ratio Lower Upper
83 100
85 61.8 49.8 74.8





#31
Cyclohexane
Concen: 5.829 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

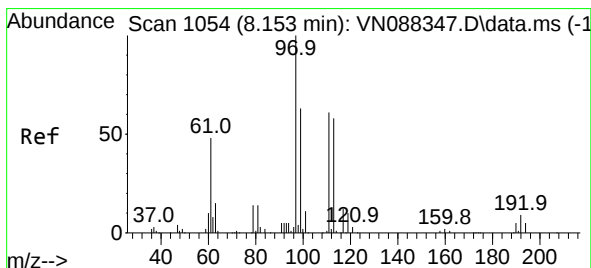
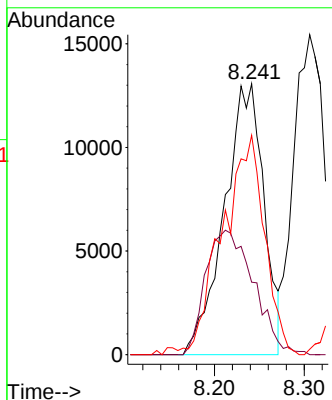
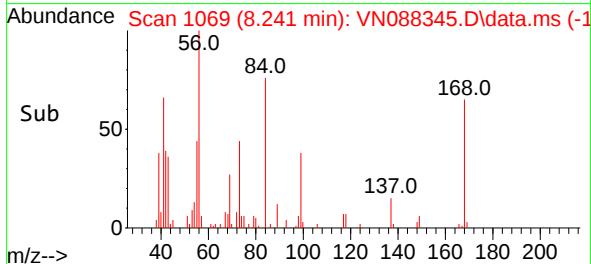
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



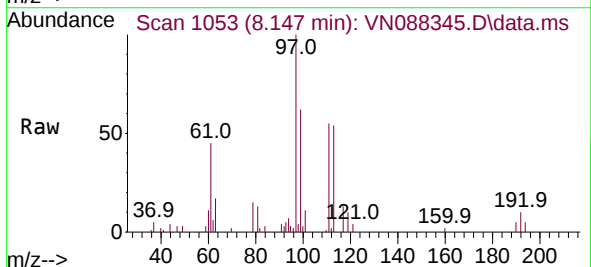
Tgt Ion: 56 Resp: 4017
Ion Ratio Lower Upper
56 100
69 26.7 25.3 37.9
84 79.5 65.4 98.2

Manual Integrations
APPROVED

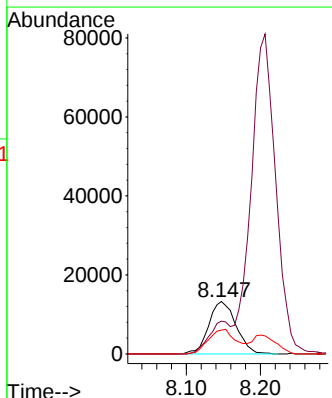
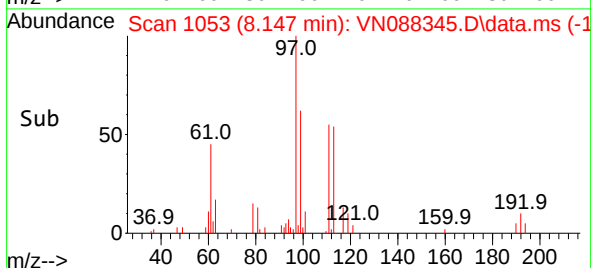
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

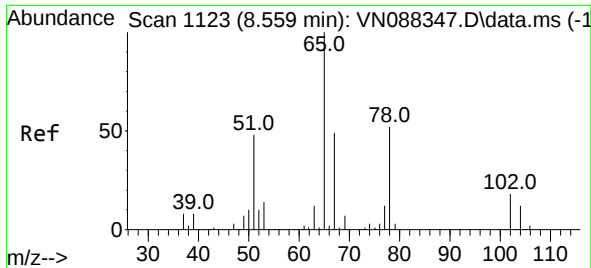


#32
1,1,1-Trichloroethane
Concen: 5.154 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11



Tgt Ion: 97 Resp: 33772
Ion Ratio Lower Upper
97 100
99 48.1 50.8 76.2#
61 46.3 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 5.272 ug/l

RT: 8.553 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 26416

Ion Ratio Lower Upper

65 100

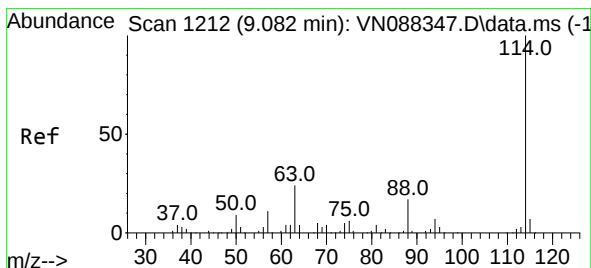
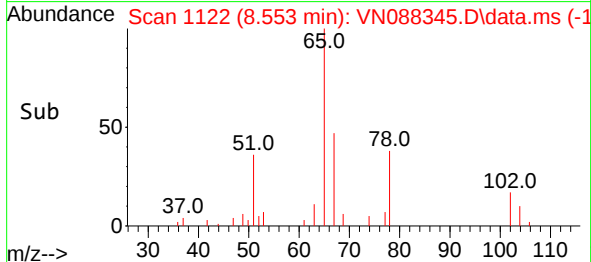
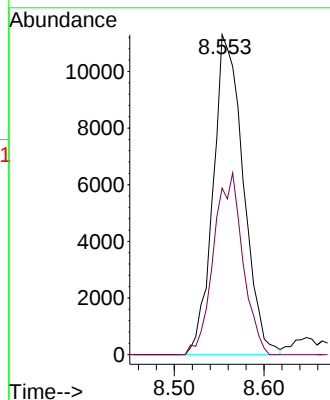
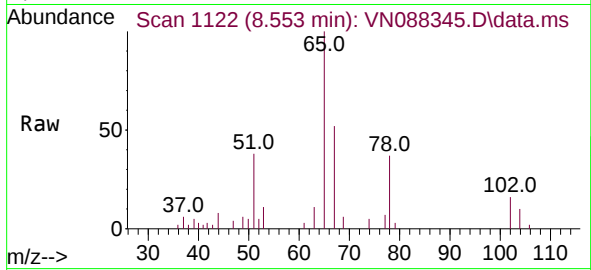
67 54.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

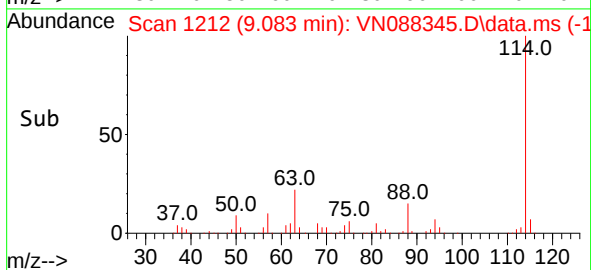
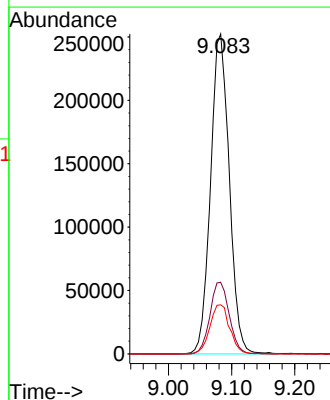
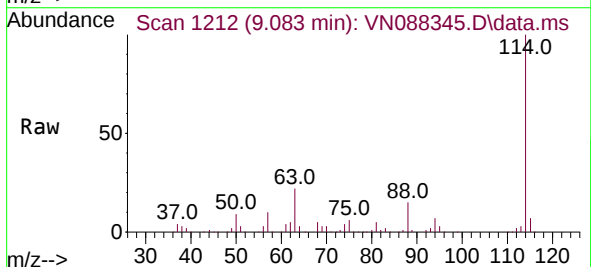
Tgt Ion:114 Resp: 520222

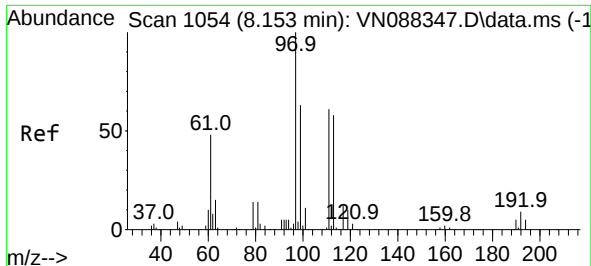
Ion Ratio Lower Upper

114 100

63 22.4 0.0 49.0

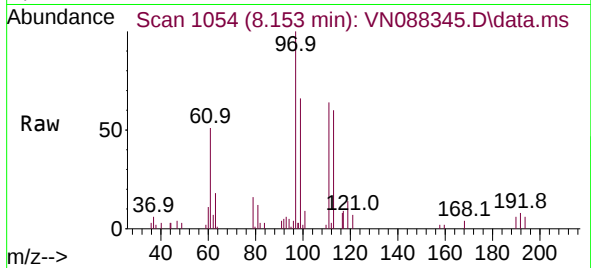
88 15.3 0.0 34.0





#35
Dibromofluoromethane
Concen: 5.271 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

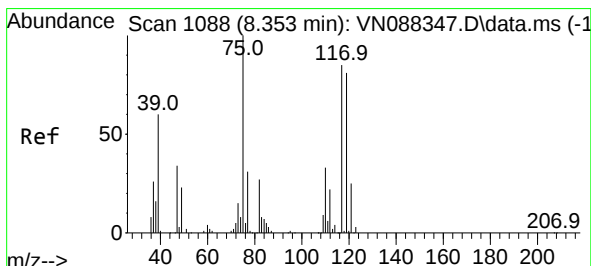
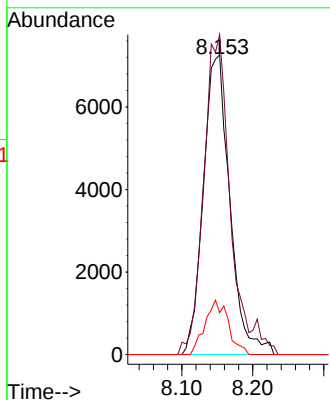
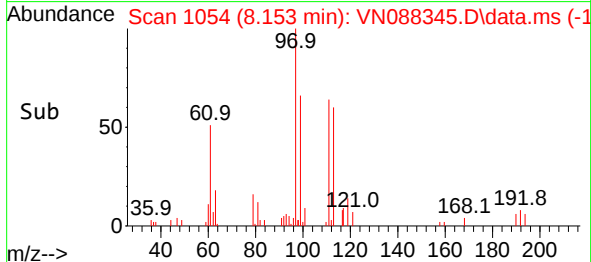
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 18802
Ion Ratio Lower Upper
113 100
111 108.0 82.5 123.7
192 16.0 12.8 19.2

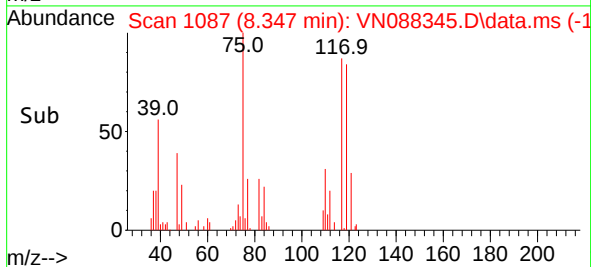
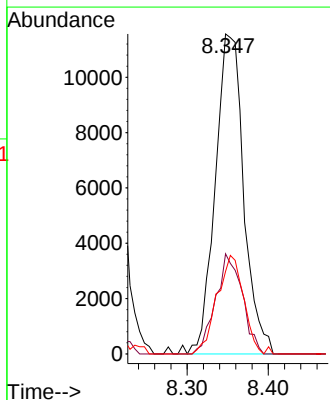
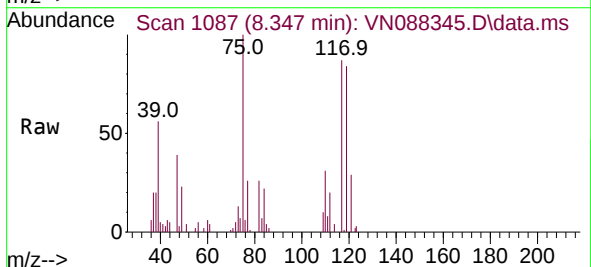
Manual Integrations
APPROVED

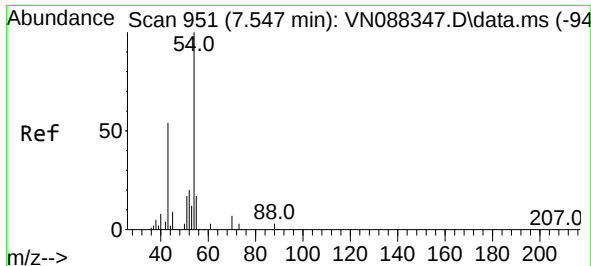
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#36
1,1-Dichloropropene
Concen: 5.368 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

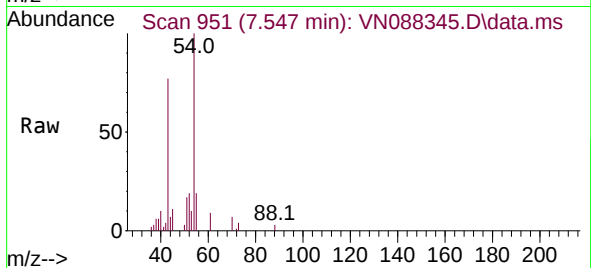
Tgt Ion: 75 Resp: 28193
Ion Ratio Lower Upper
75 100
110 29.2 15.8 47.4
77 28.6 24.2 36.2





#37
Ethyl Acetate
Concen: 5.054 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

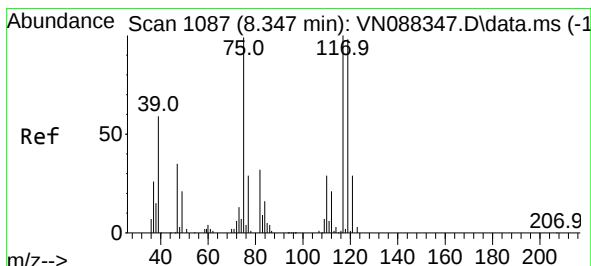
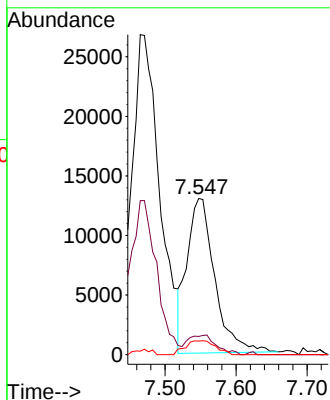
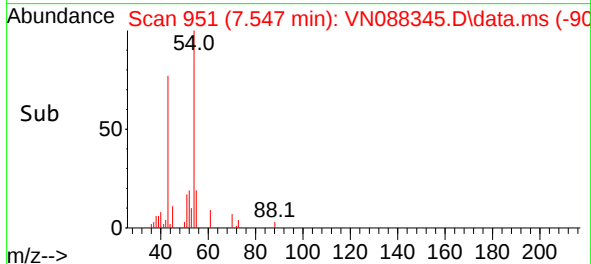
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 35286
Ion Ratio Lower Upper
43 100
61 12.6 9.5 14.3
70 9.8 7.1 10.7

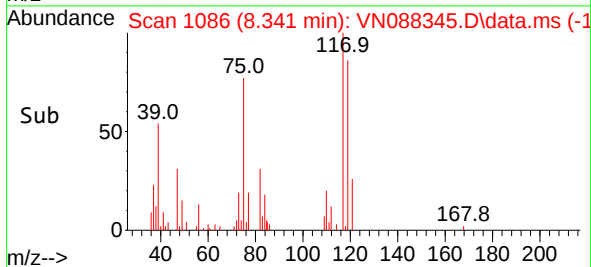
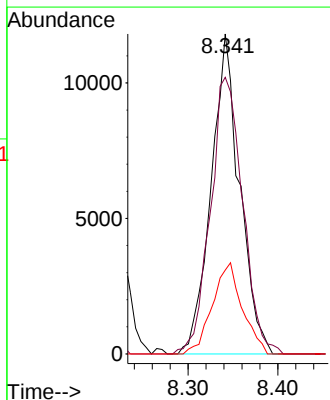
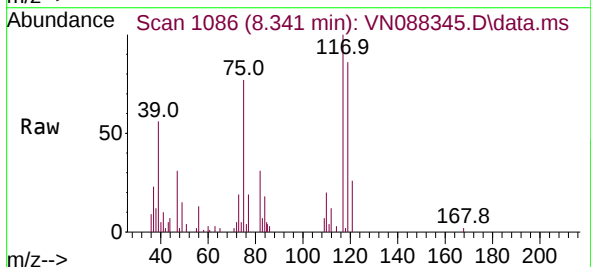
Manual Integrations
APPROVED

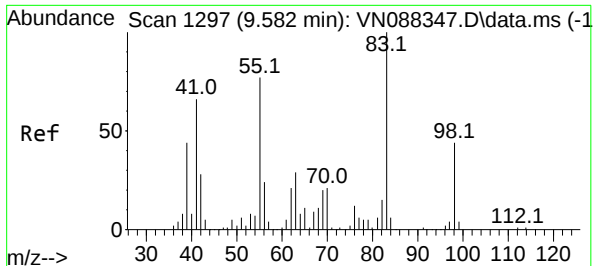
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#38
Carbon Tetrachloride
Concen: 4.839 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:117 Resp: 26194
Ion Ratio Lower Upper
117 100
119 85.1 78.2 117.4
121 26.2 23.4 35.2





#39

Methylcyclohexane

Concen: 4.292 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

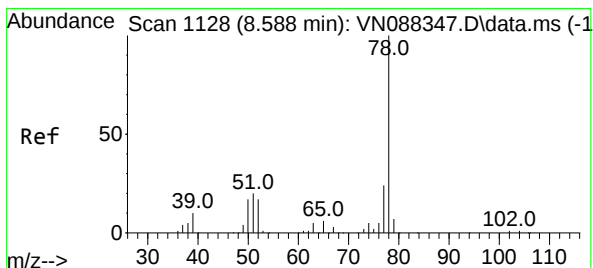
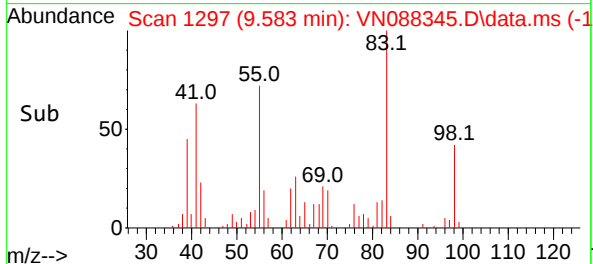
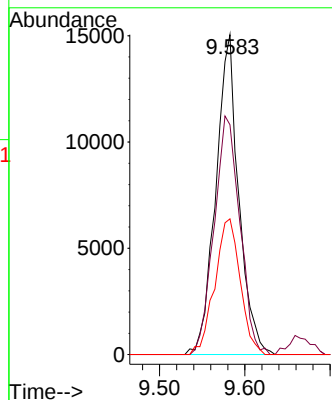
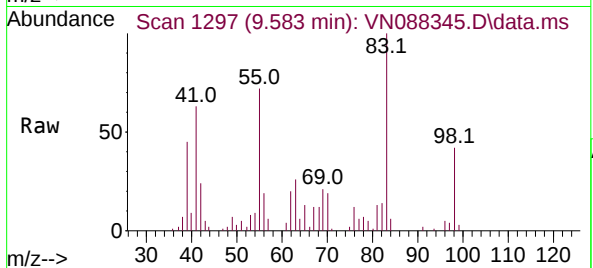
Tgt Ion: 83	Resp: 28179
Ion Ratio	Lower Upper
83 100	
55 71.8	61.6 92.4
98 42.4	35.3 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#40

Benzene

Concen: 5.014 ug/l

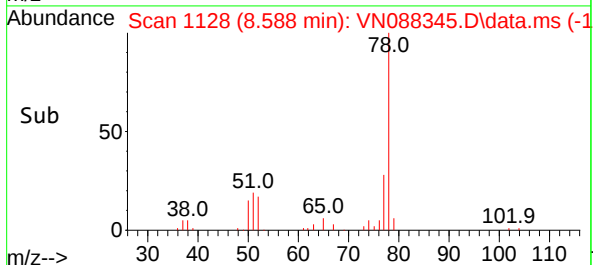
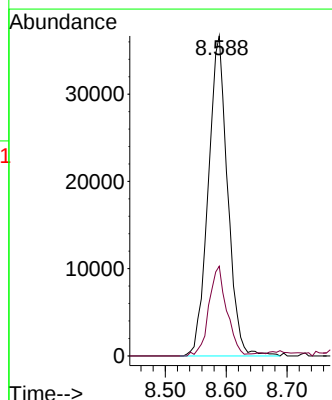
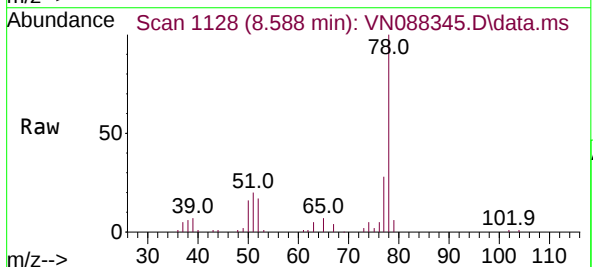
RT: 8.588 min Scan# 1128

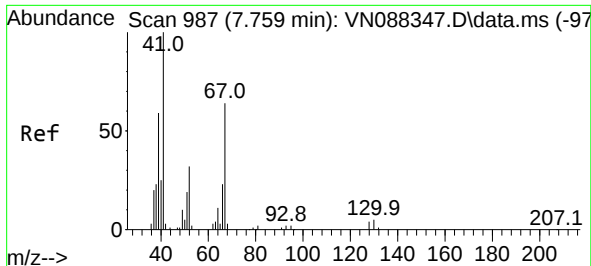
Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

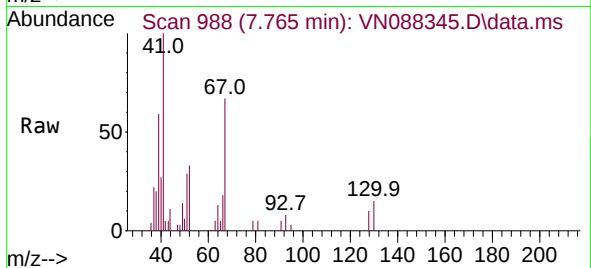
Tgt Ion: 78	Resp: 80904
Ion Ratio	Lower Upper
78 100	
77 28.0	19.0 28.4





#41
Methacrylonitrile
Concen: 4.652 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

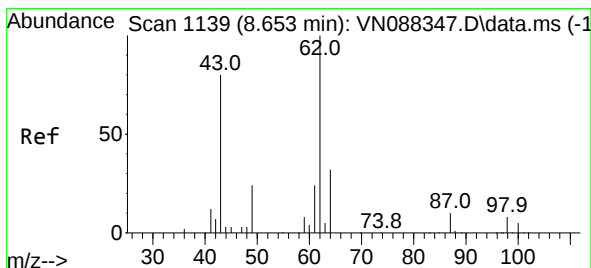
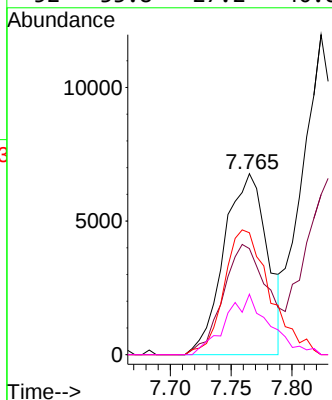
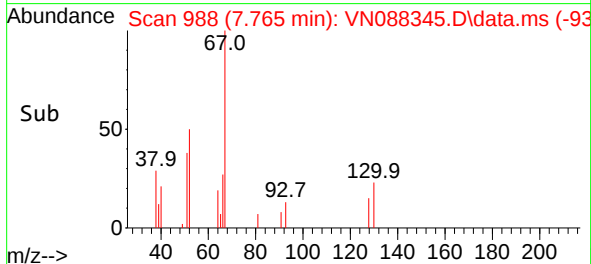
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41	Resp: 16819
Ion Ratio	Lower Upper
41	100
39	64.4 46.3 69.5
67	72.7 54.7 82.1
52	33.8 27.2 40.8

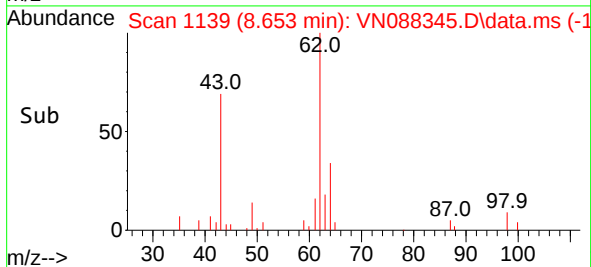
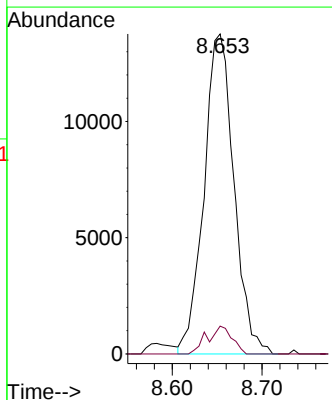
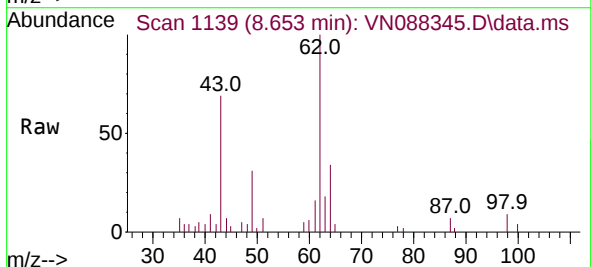
Manual Integrations
APPROVED

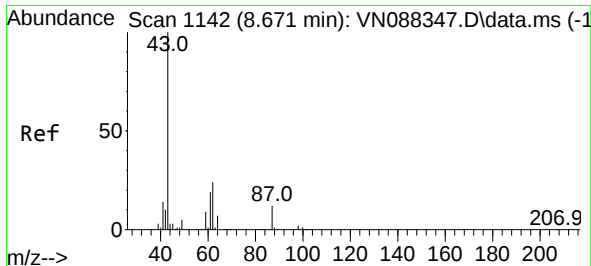
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#42
1,2-Dichloroethane
Concen: 5.480 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

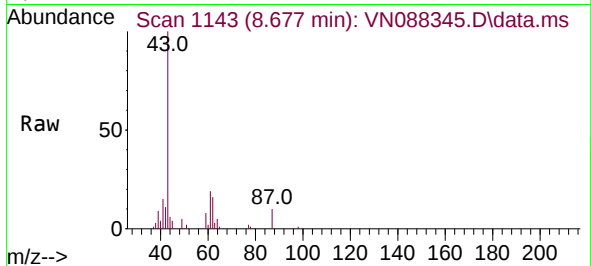
Tgt Ion: 62	Resp: 31962
Ion Ratio	Lower Upper
62	100
98	7.2 0.0 16.2





#43
Isopropyl Acetate
Concen: 4.976 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

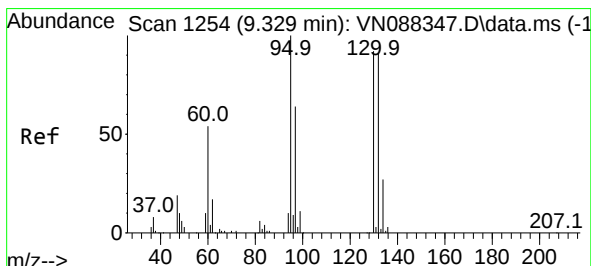
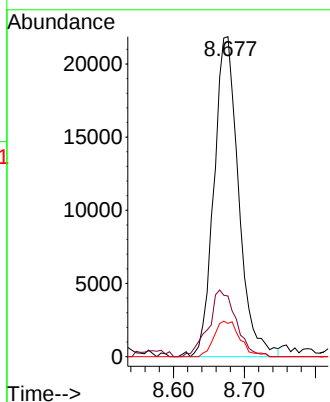
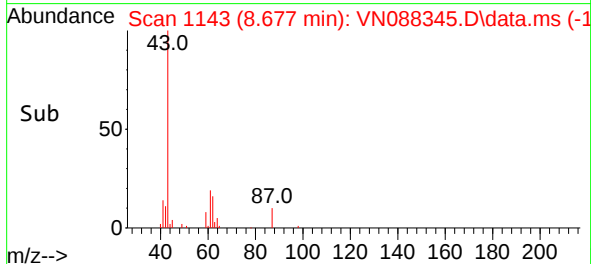
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



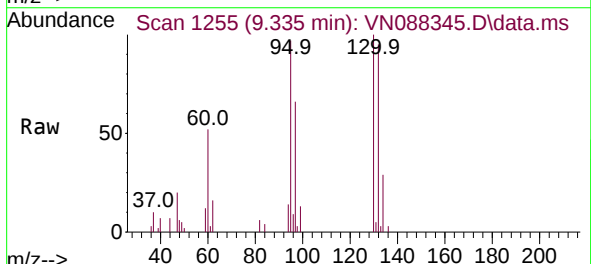
Tgt Ion: 43 Resp: 52990
Ion Ratio Lower Upper
43 100
61 23.1 18.7 28.1
87 11.6 9.1 13.7

Manual Integrations
APPROVED

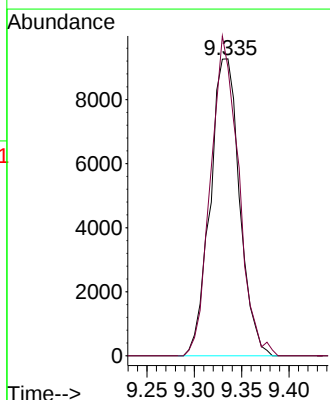
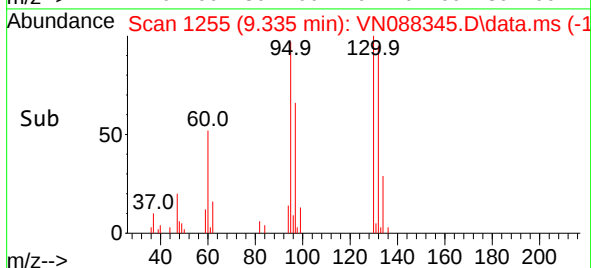
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

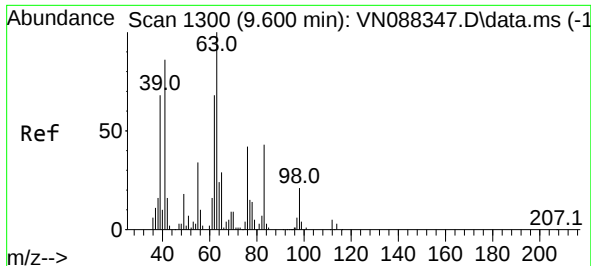


#44
Trichloroethene
Concen: 5.321 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11



Tgt Ion:130 Resp: 20005
Ion Ratio Lower Upper
130 100
95 97.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 5.101 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 2089

Ion Ratio Lower Upper

63 100

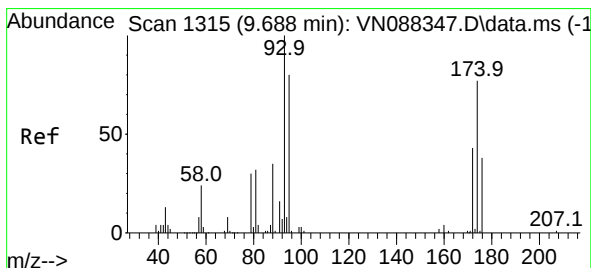
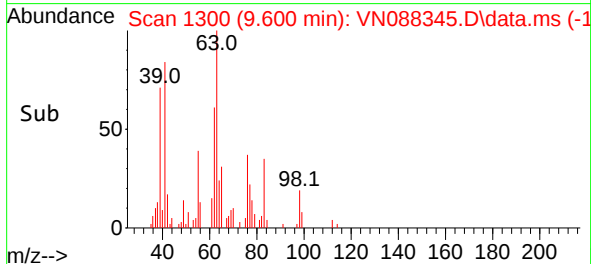
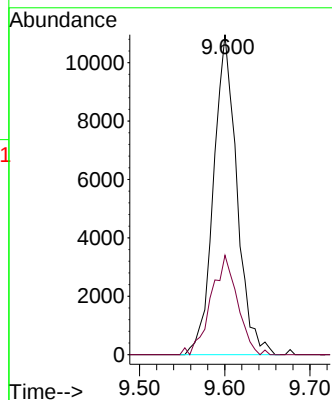
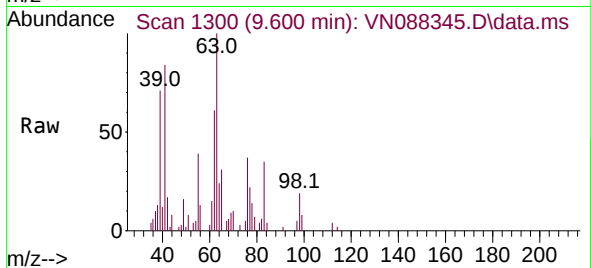
65 31.0 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#46

Dibromomethane

Concen: 5.195 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

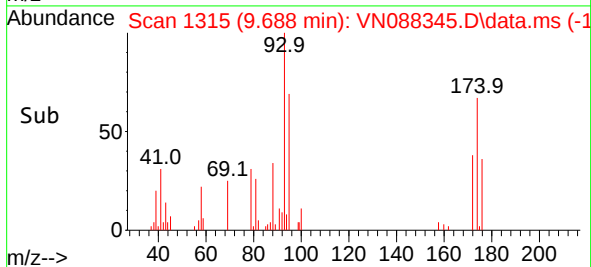
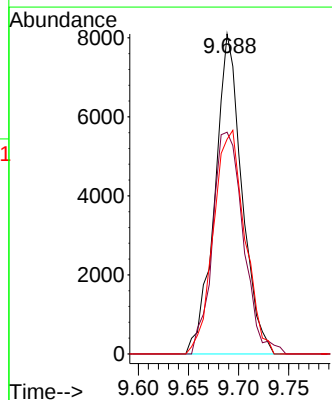
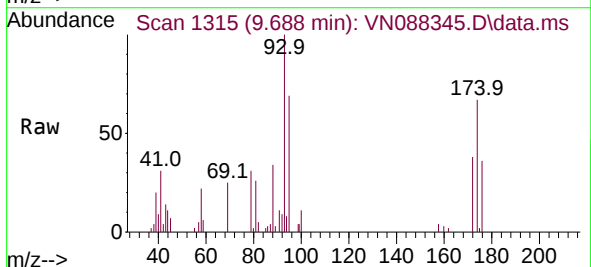
Tgt Ion: 93 Resp: 15209

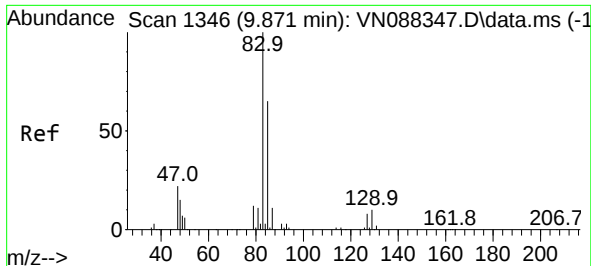
Ion Ratio Lower Upper

93 100

95 79.1 65.8 98.6

174 80.9 64.3 96.5





#47

Bromodichloromethane

Concen: 5.198 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

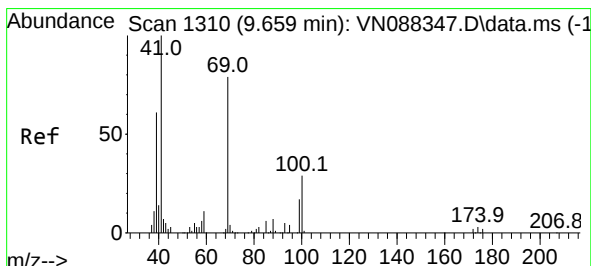
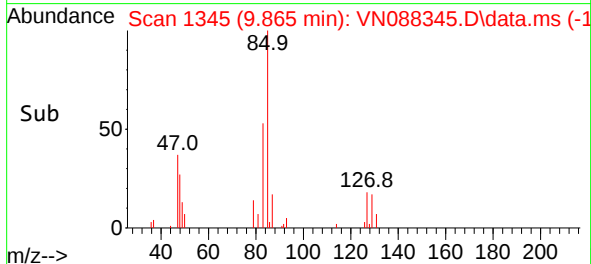
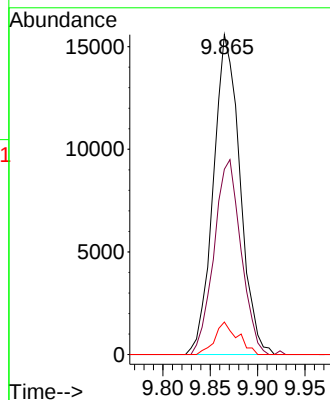
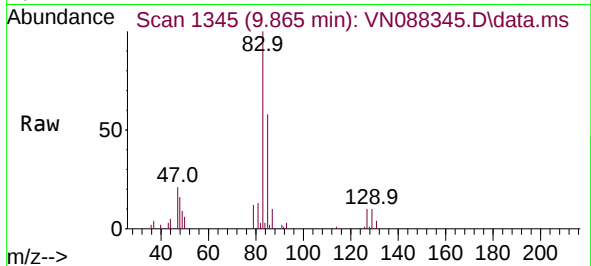
Tgt Ion:	83	Resp:	30479
Ion Ratio	Lower	Upper	
83	100		
85	57.9	51.9	77.9
127	10.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#48

Methyl methacrylate

Concen: 4.579 ug/l

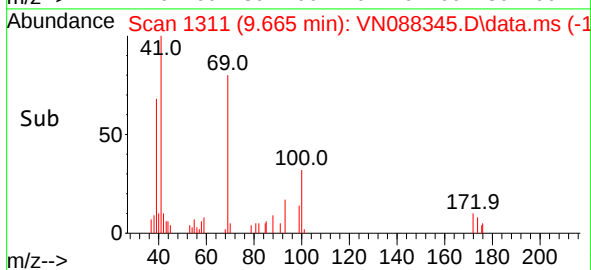
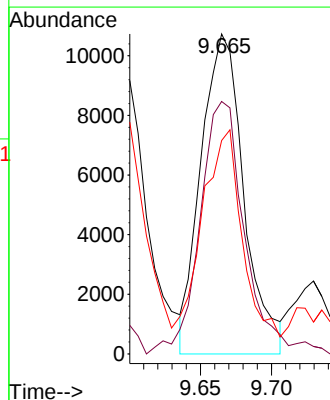
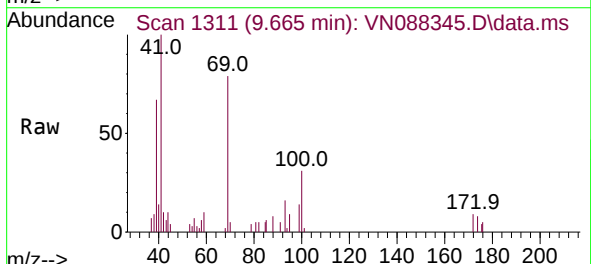
RT: 9.665 min Scan# 1311

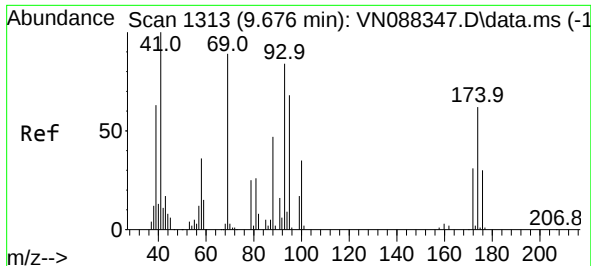
Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

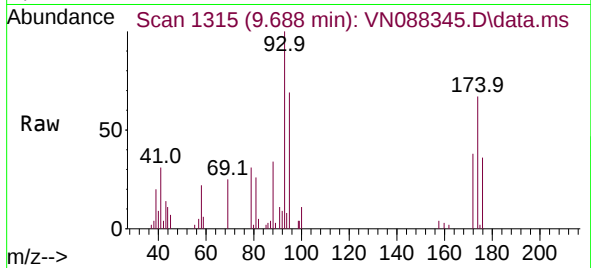
Tgt Ion:	41	Resp:	22513
Ion Ratio	Lower	Upper	
41	100		
69	82.6	62.4	93.6
39	70.2	52.6	79.0





#49
1,4-Dioxane
Concen: 103.870 ug/l
RT: 9.688 min Scan# 1313
Delta R.T. 0.012 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

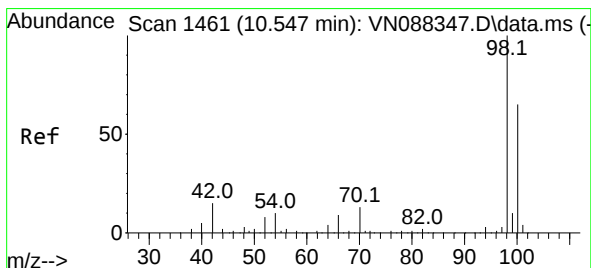
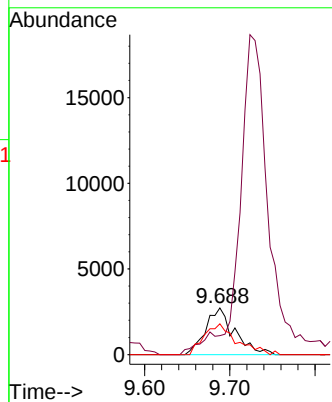
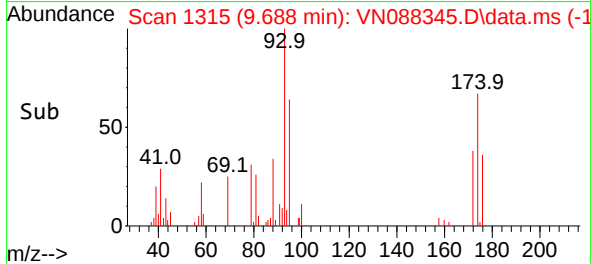
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 6435
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0
58 74.3 62.0 93.0

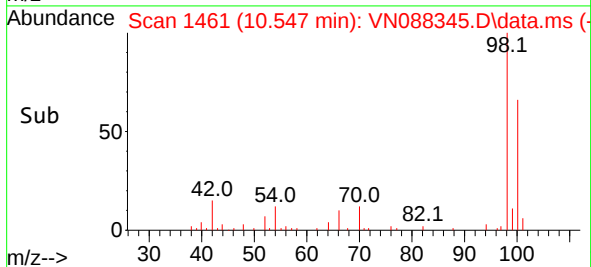
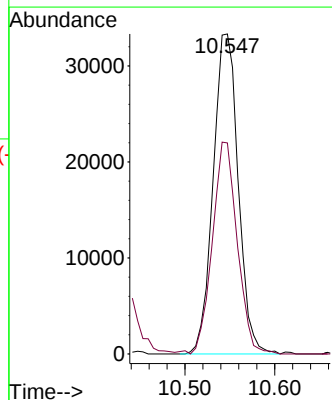
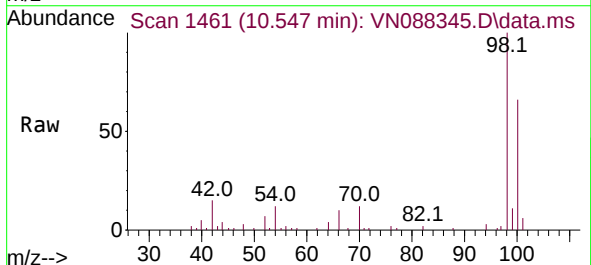
Manual Integrations
APPROVED

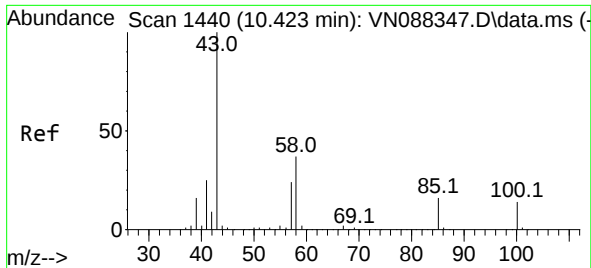
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#50
Toluene-d8
Concen: 4.778 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

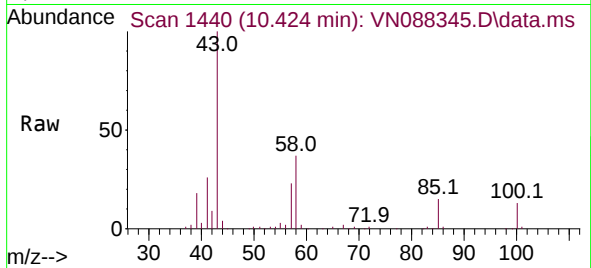
Tgt Ion: 98 Resp: 64962
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 25.401 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

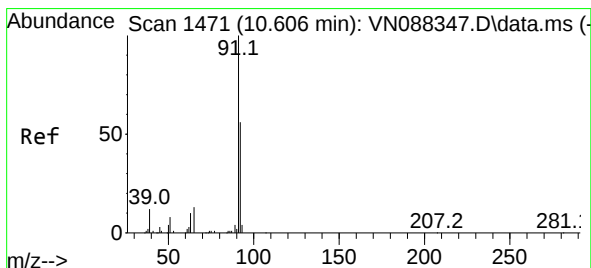
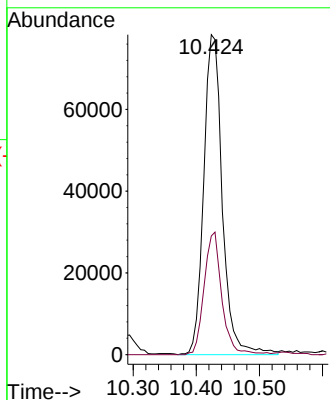
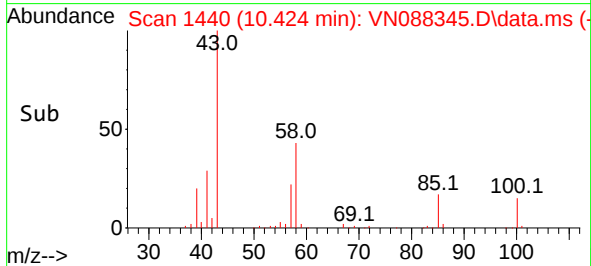
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 160328
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7

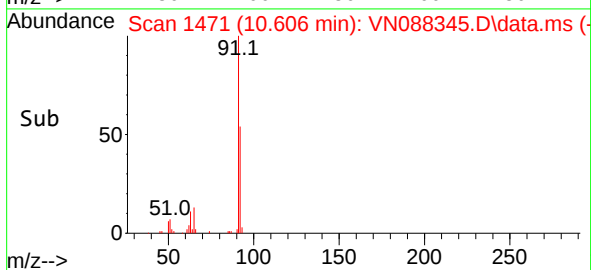
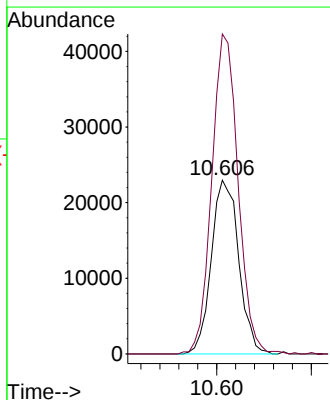
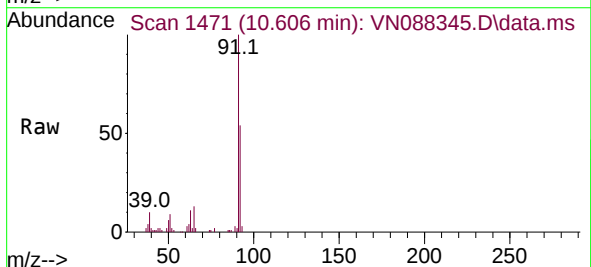
Manual Integrations
APPROVED

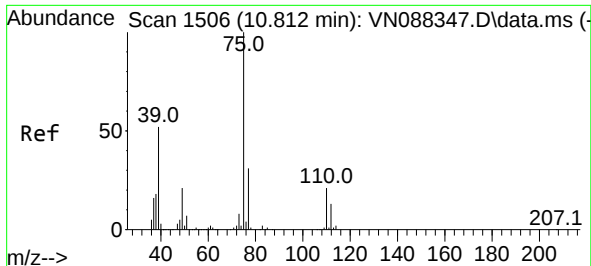
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#52
Toluene
Concen: 4.673 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

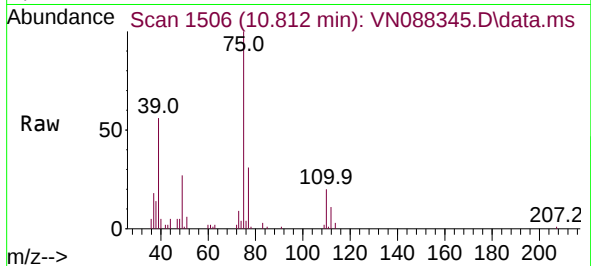
Tgt Ion: 92 Resp: 46057
Ion Ratio Lower Upper
92 100
91 177.1 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 4.621 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

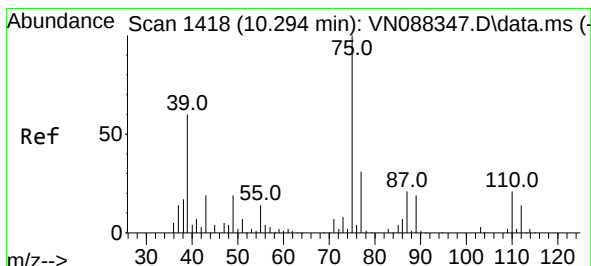
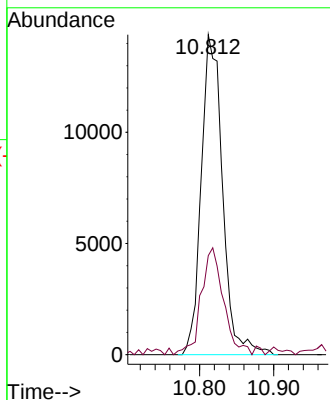
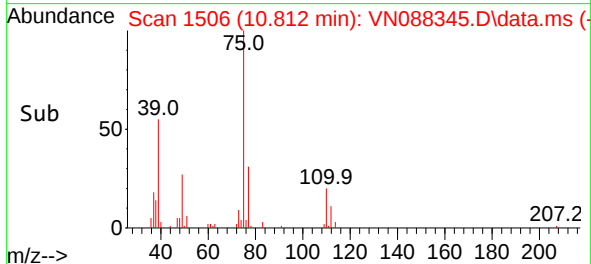
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 28774
Ion Ratio Lower Upper
75 100
77 29.8 24.8 37.2

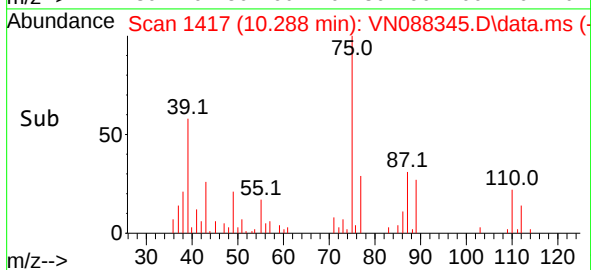
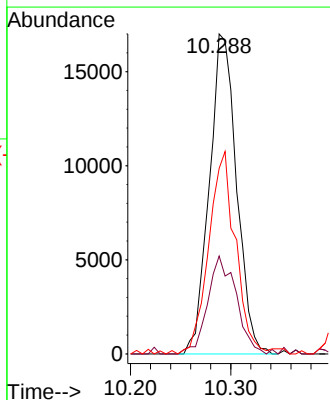
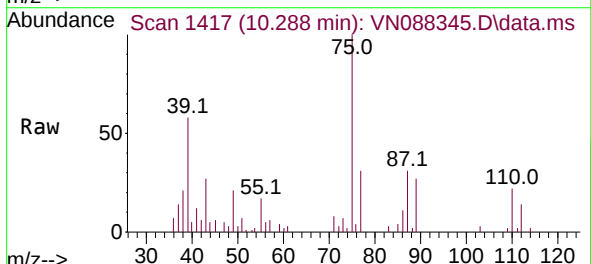
Manual Integrations
APPROVED

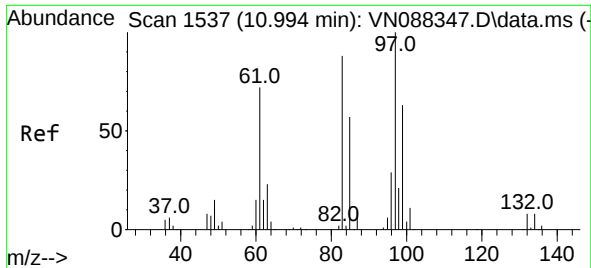
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#54
cis-1,3-Dichloropropene
Concen: 4.869 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

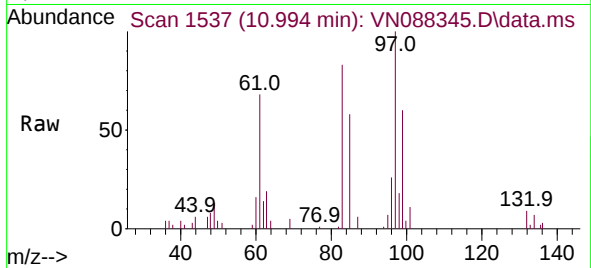
Tgt Ion: 75 Resp: 32170
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 58.0 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 4.965 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

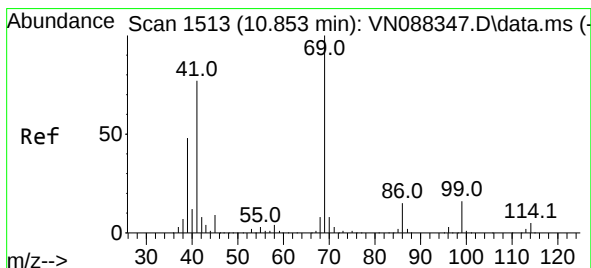
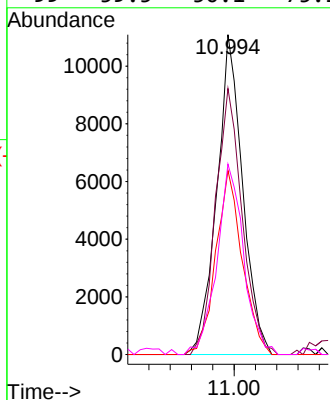
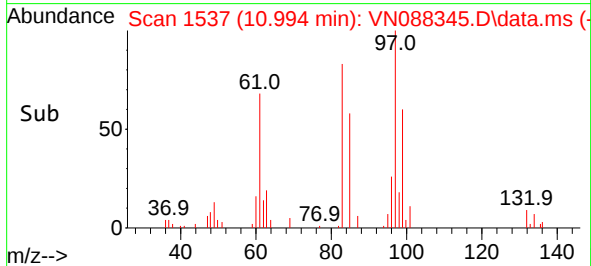
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:	97	Resp:	18669
Ion Ratio	100	Lower	Upper
97	100		
83	83.2	70.4	105.6
85	57.5	45.4	68.2
99	59.5	50.1	75.1

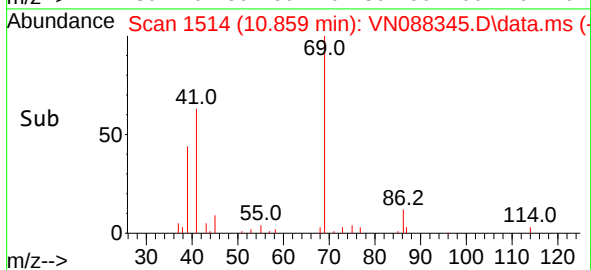
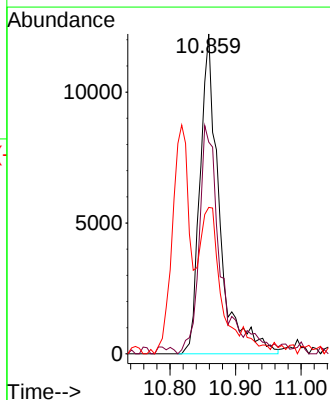
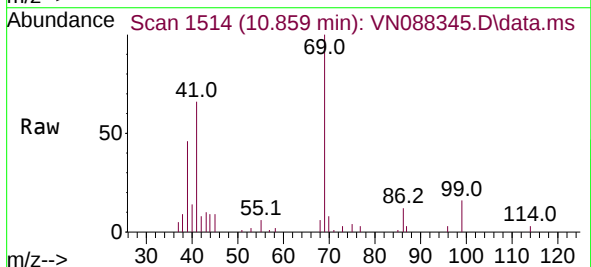
Manual Integrations
APPROVED

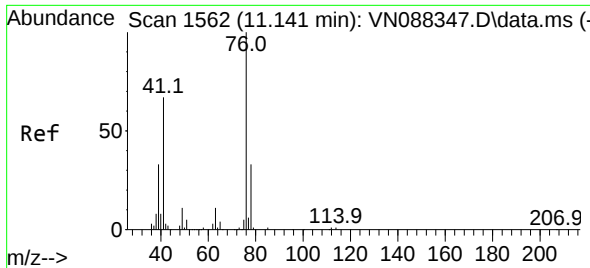
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#56
Ethyl methacrylate
Concen: 4.184 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

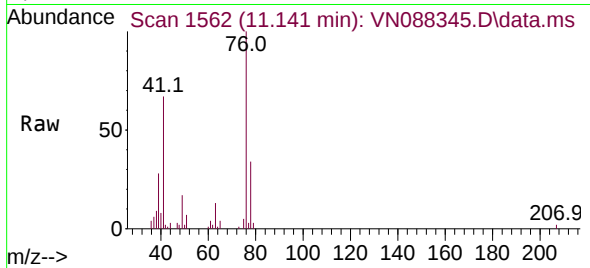
Tgt Ion:	69	Resp:	25089
Ion Ratio	100	Lower	Upper
69	100		
41	72.8	59.6	89.4
39	46.0	36.4	54.6





#57
1,3-Dichloropropane
Concen: 5.006 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

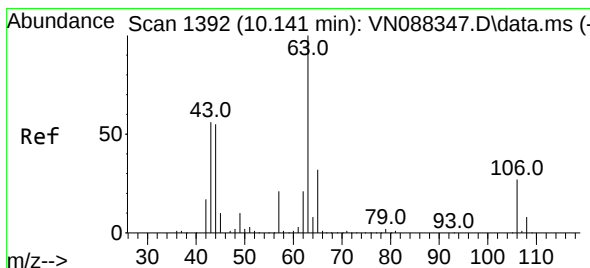
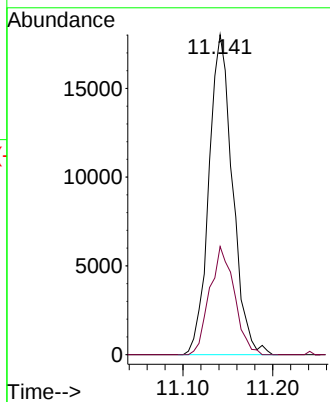
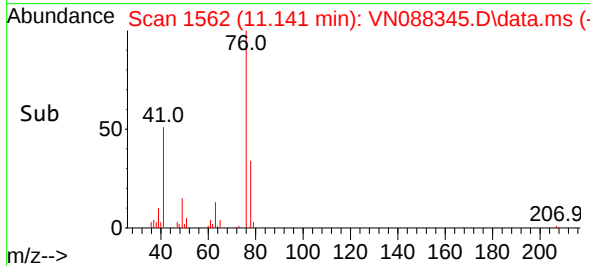
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 33183
Ion Ratio Lower Upper
76 100
78 35.2 26.2 39.4

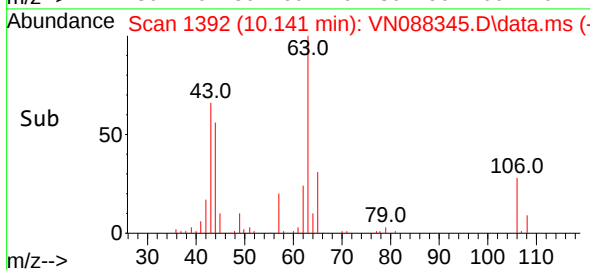
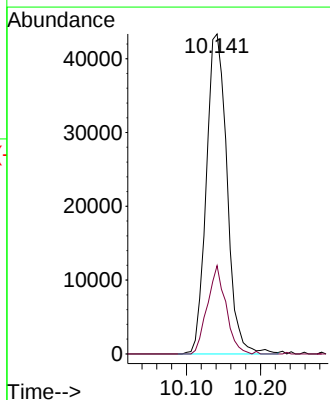
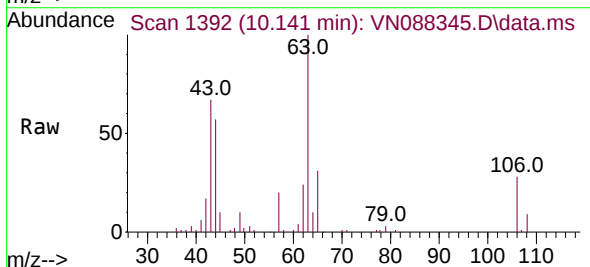
Manual Integrations
APPROVED

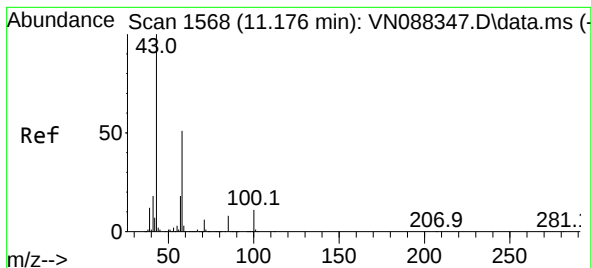
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 26.251 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

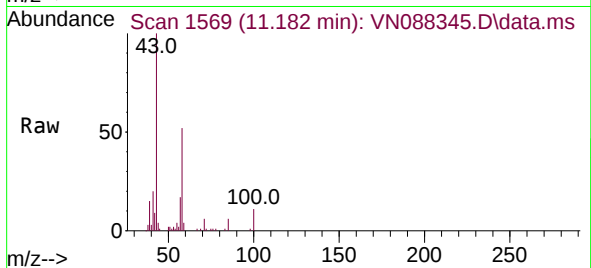
Tgt Ion: 63 Resp: 83959
Ion Ratio Lower Upper
63 100
106 24.8 20.5 30.7





#59
2-Hexanone
Concen: 18.852 ug/l
RT: 11.182 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

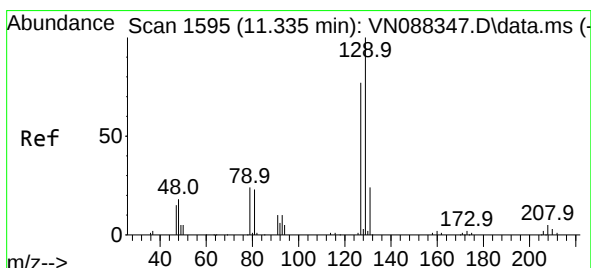
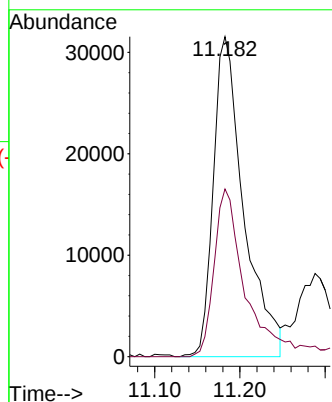
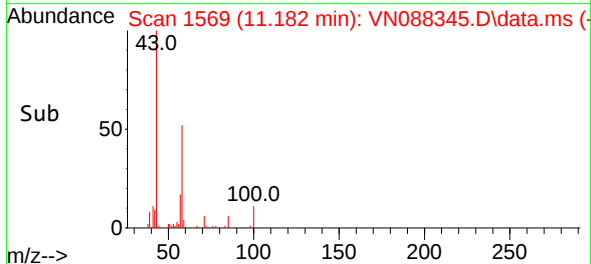
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 78248
Ion Ratio Lower Upper
43 100
58 53.2 25.3 75.9

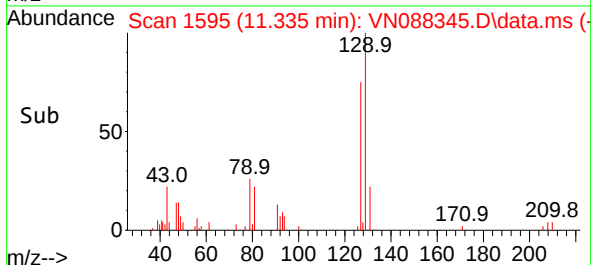
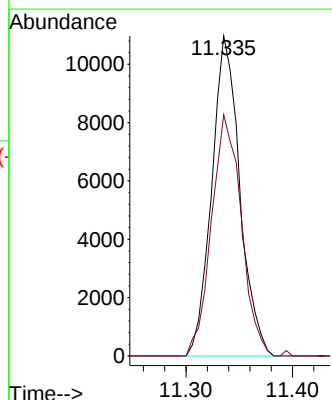
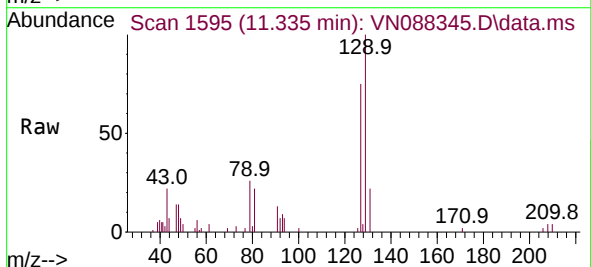
Manual Integrations
APPROVED

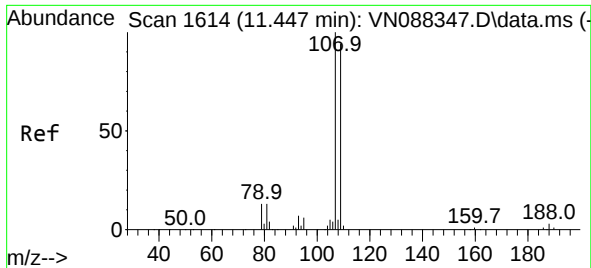
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#60
Dibromochloromethane
Concen: 4.697 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

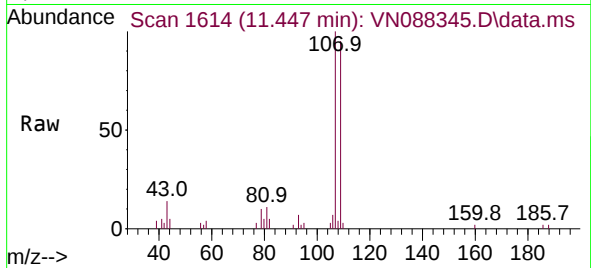
Tgt Ion:129 Resp: 20078
Ion Ratio Lower Upper
129 100
127 80.1 38.2 114.6





#61
1,2-Dibromoethane
Concen: 4.919 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

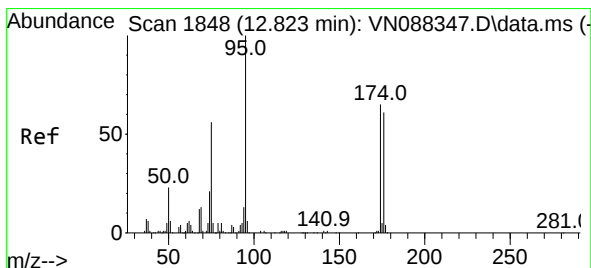
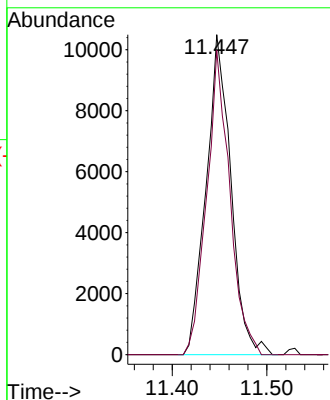
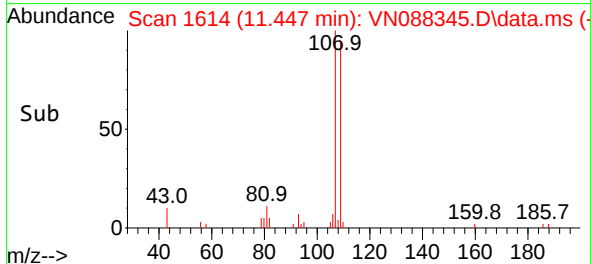
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



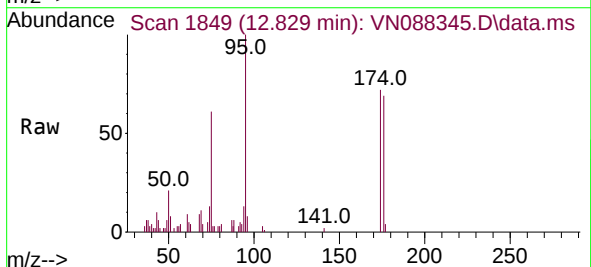
Tgt Ion: 107 Resp: 19090
Ion Ratio Lower Upper
107 100
109 88.9 74.6 112.0

Manual Integrations
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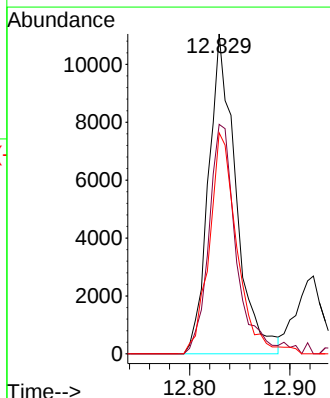
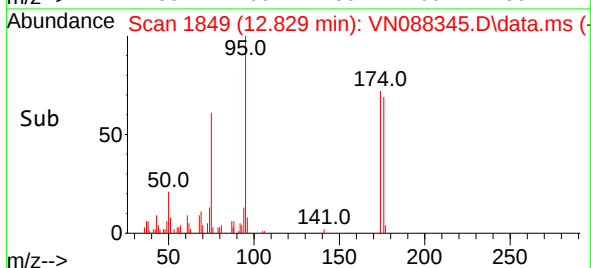
Reviewed By : John Carlone 11/25/2025
Supervised By : Mahesh Dadoda 11/26/2025

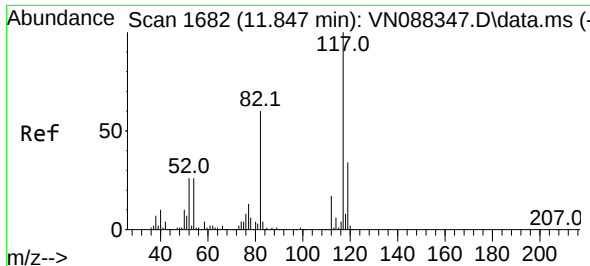


#62
4-Bromofluorobenzene
Concen: 4.383 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11



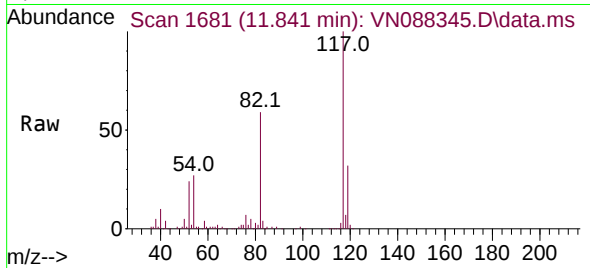
Tgt Ion: 95 Resp: 20929
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.0
176 70.2 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

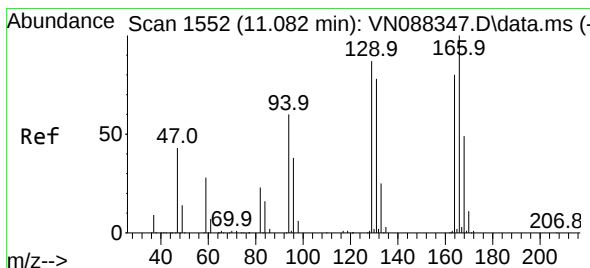
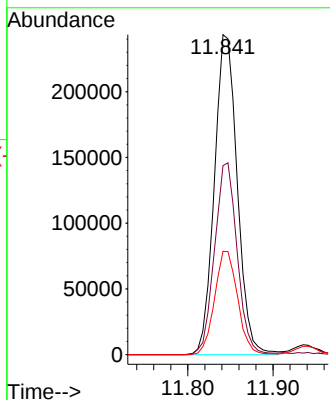
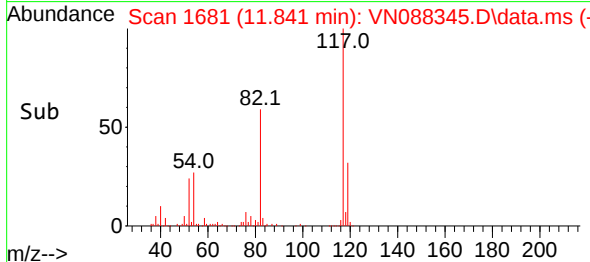
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 454376
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.3 26.9 40.3

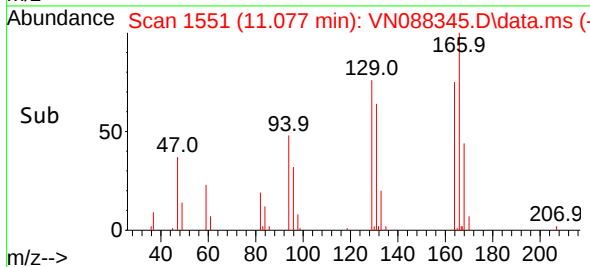
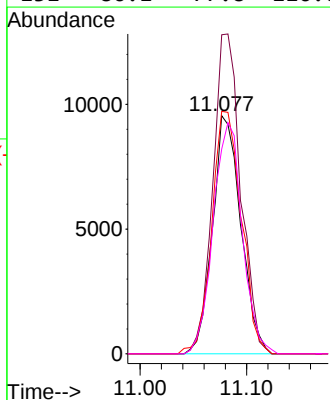
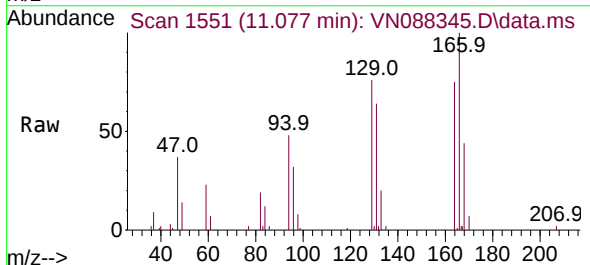
Manual Integrations
APPROVED

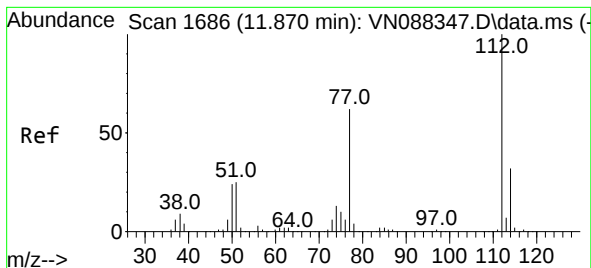
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#64
Tetrachloroethene
Concen: 5.552 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:164 Resp: 17642
Ion Ratio Lower Upper
164 100
166 134.0 99.6 149.4
129 101.9 86.6 129.8
131 86.1 77.8 116.6





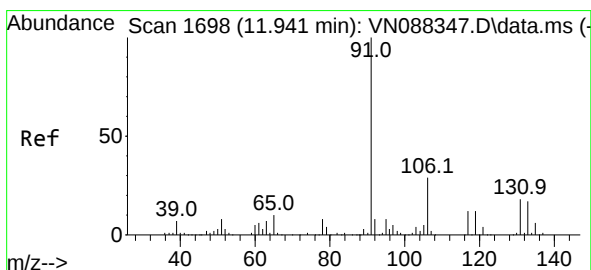
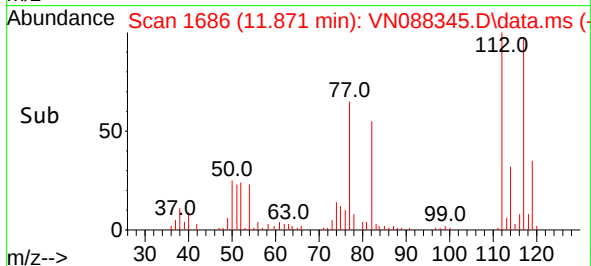
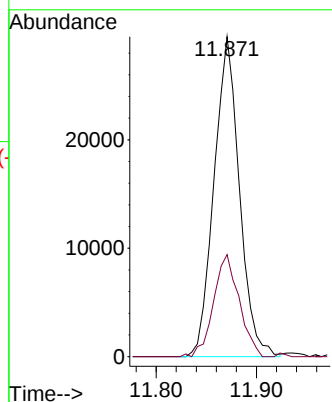
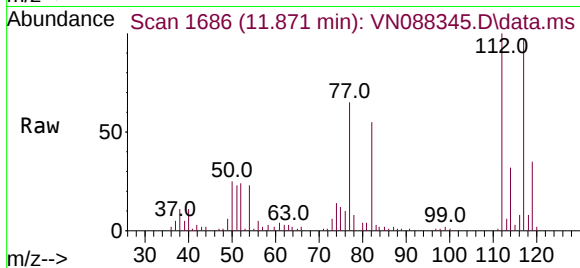
#65
Chlorobenzene
Concen: 4.912 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 51903
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

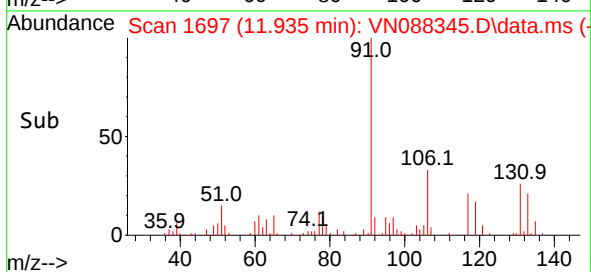
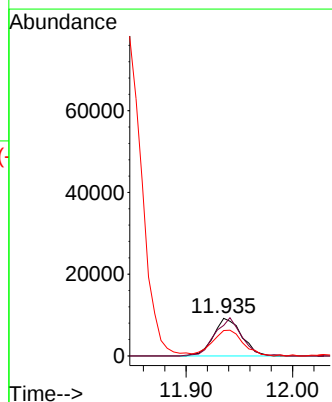
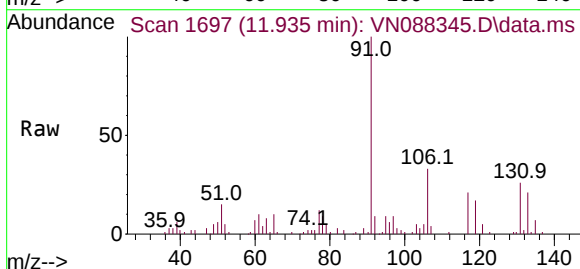
Manual Integrations
APPROVED

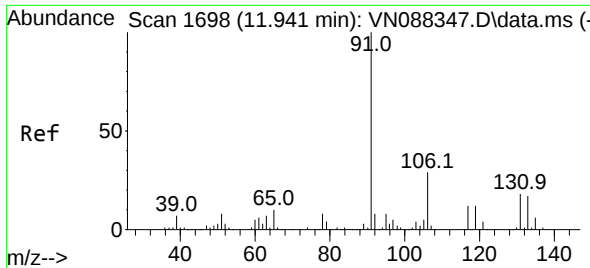
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.842 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:131 Resp: 16899
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 73.8 33.4 100.1





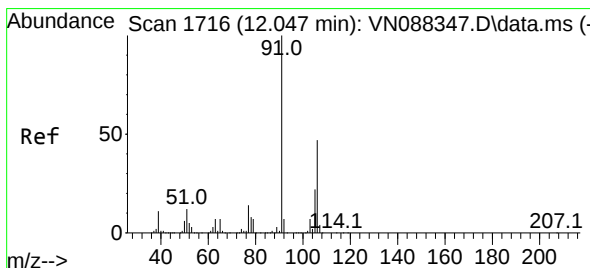
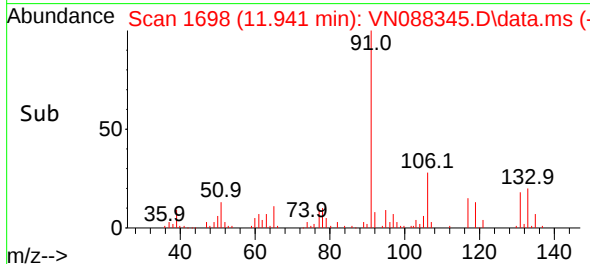
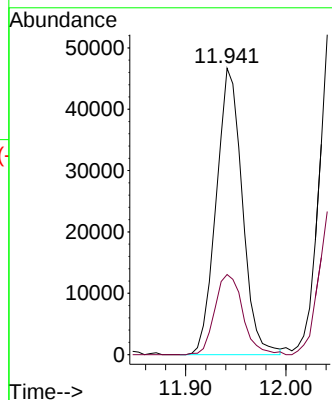
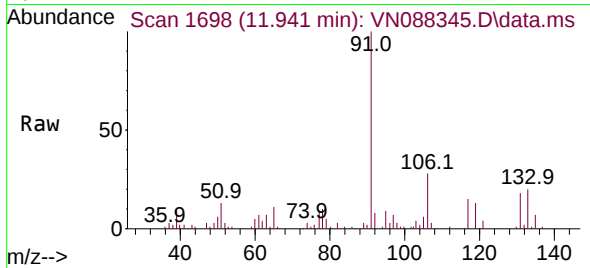
#67
Ethyl Benzene
Concen: 4.556 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 84509
Ion Ratio Lower Upper
91 100
106 28.0 23.6 35.4

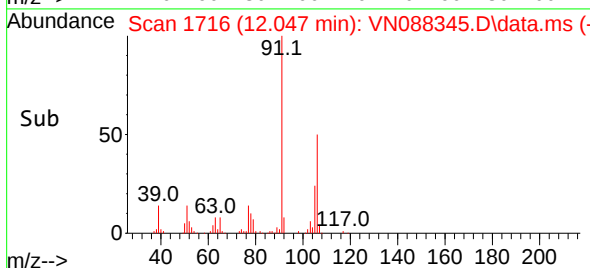
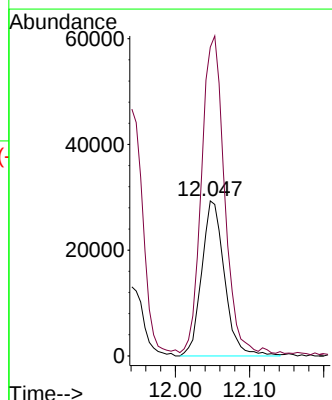
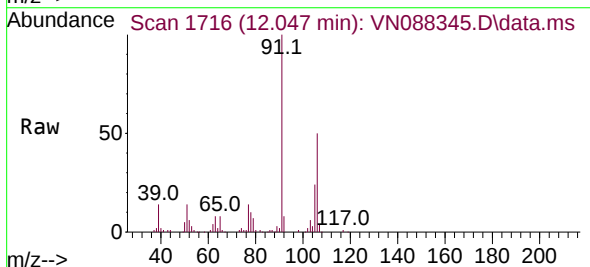
Manual Integrations
APPROVED

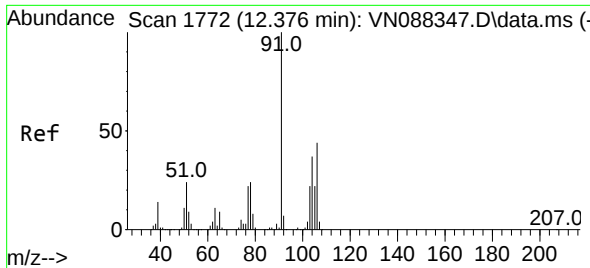
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#68
m/p-Xylenes
Concen: 9.044 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:106 Resp: 62717
Ion Ratio Lower Upper
106 100
91 203.5 167.8 251.6





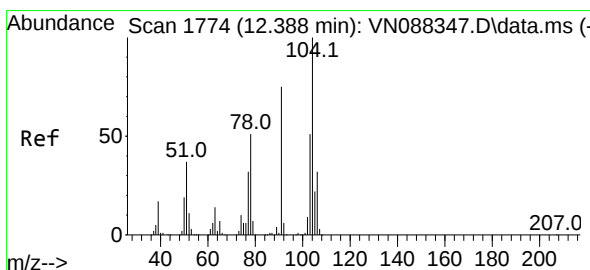
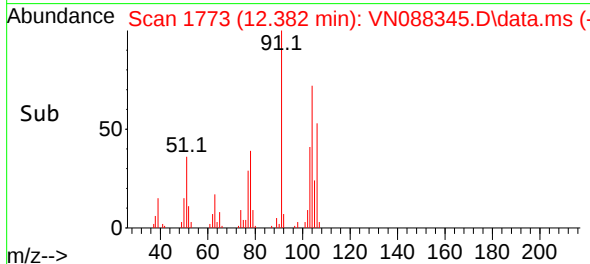
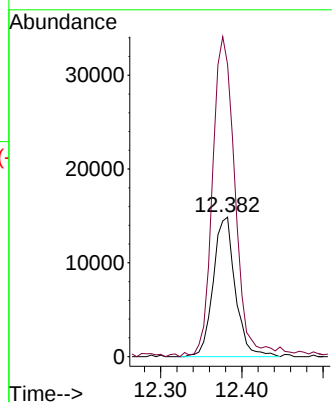
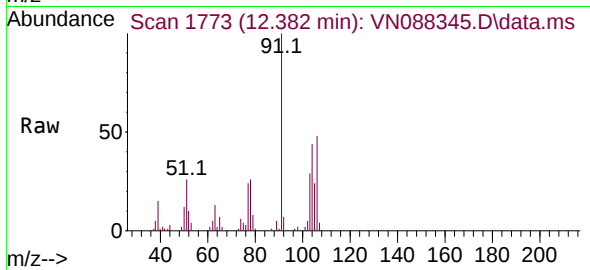
#69
o-Xylene
Concen: 4.278 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2811
Ion Ratio Lower Upper
106 100
91 236.2 112.9 338.7

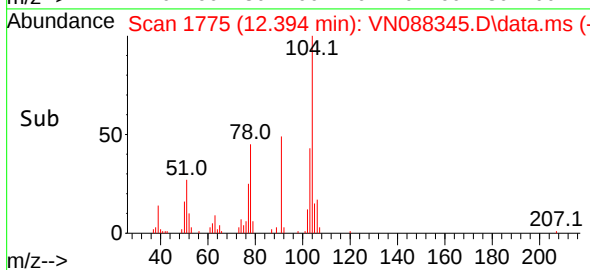
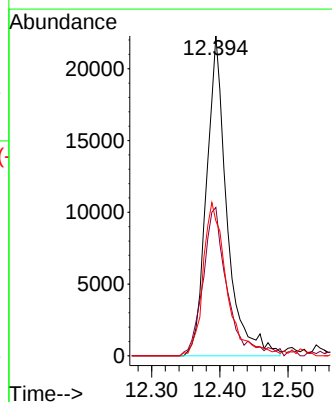
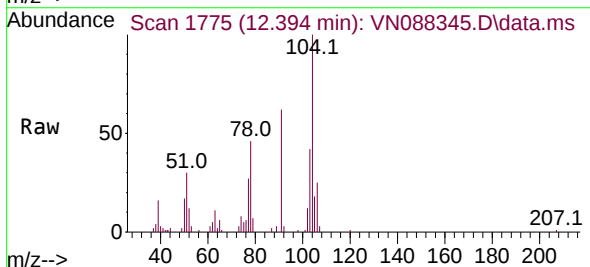
Manual Integrations
APPROVED

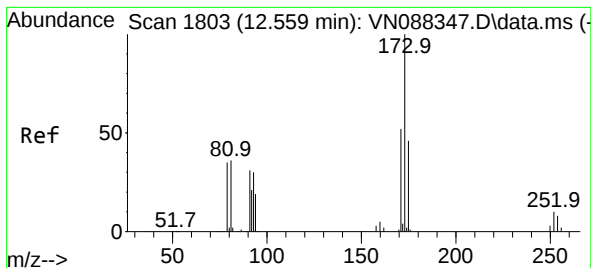
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#70
Styrene
Concen: 4.327 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:104 Resp: 46583
Ion Ratio Lower Upper
104 100
78 53.5 44.3 66.5
103 55.2 44.2 66.4





#71

Bromoform

Concen: 4.774 ug/l

RT: 12.565 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

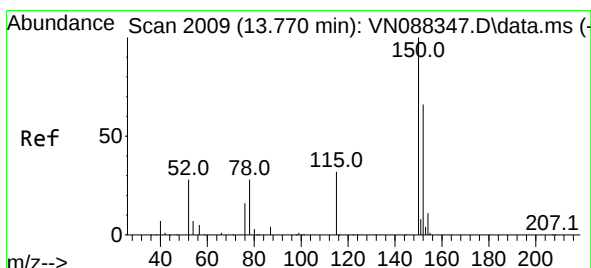
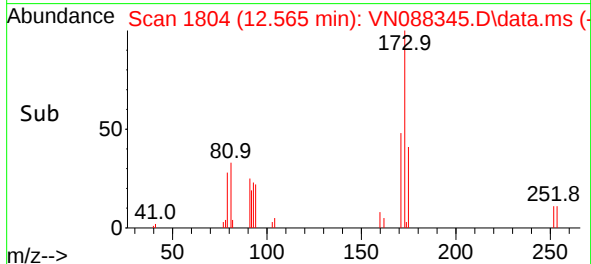
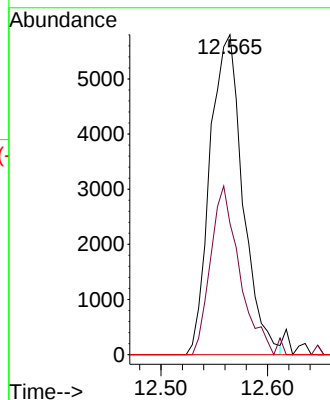
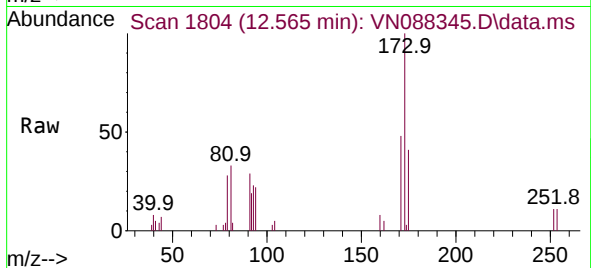
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.3	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

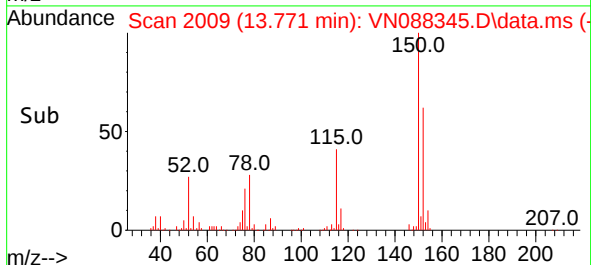
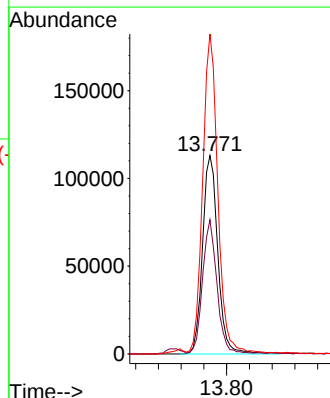
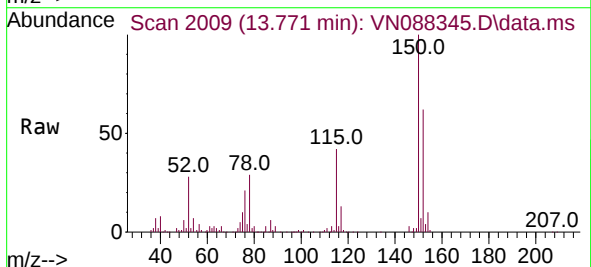
RT: 13.771 min Scan# 2009

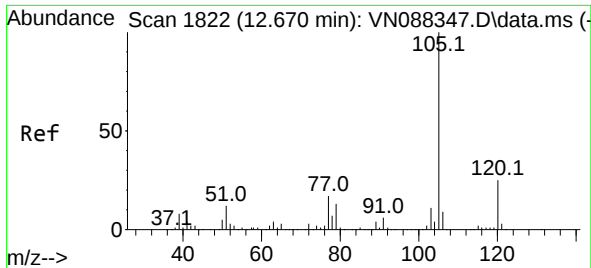
Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

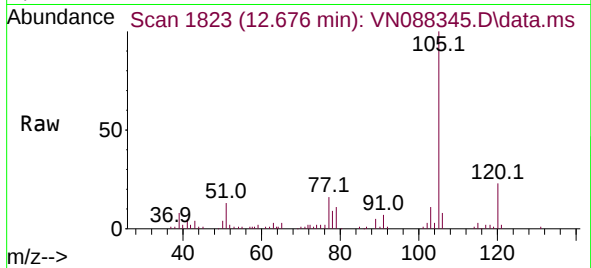
Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	33.0	98.9
150	157.4	0.0	349.0





#73
Isopropylbenzene
Concen: 4.486 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

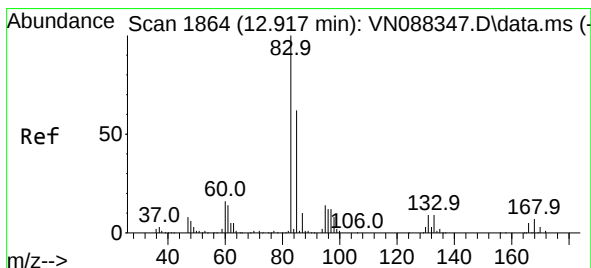
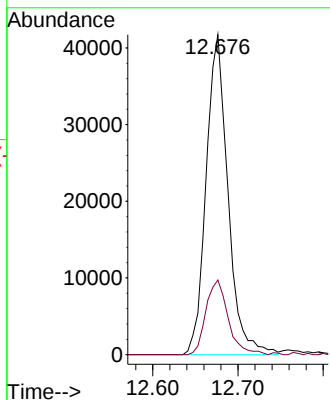
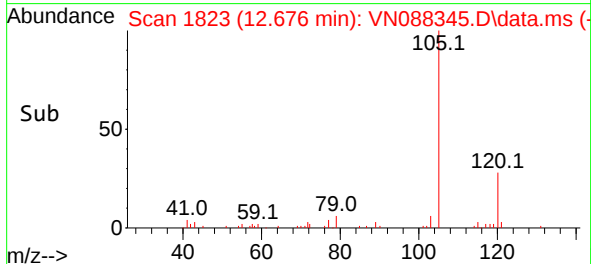
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



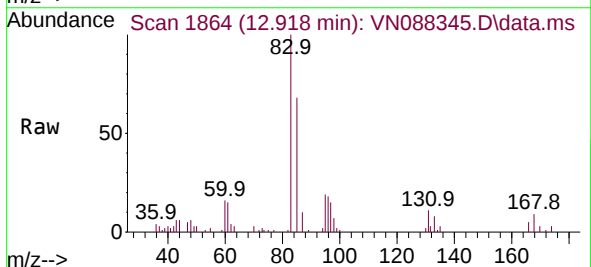
Tgt Ion:105 Resp: 74324
Ion Ratio Lower Upper
105 100
120 23.7 12.8 38.3

Manual Integrations
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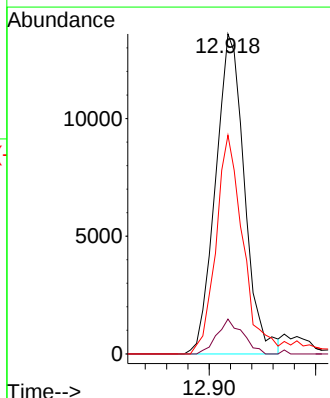
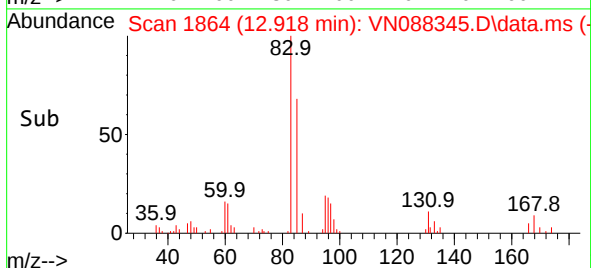
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

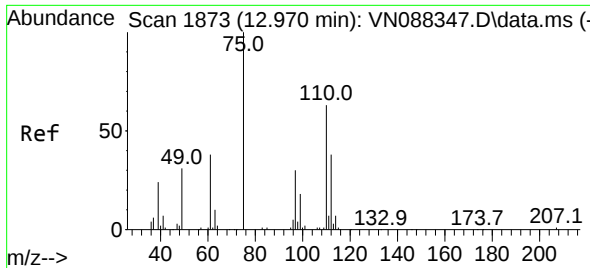


#75
1,1,2,2-Tetrachloroethane
Concen: 4.956 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11



Tgt Ion: 83 Resp: 25666
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.6 32.1 96.5





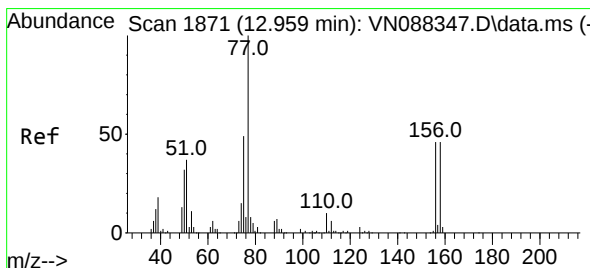
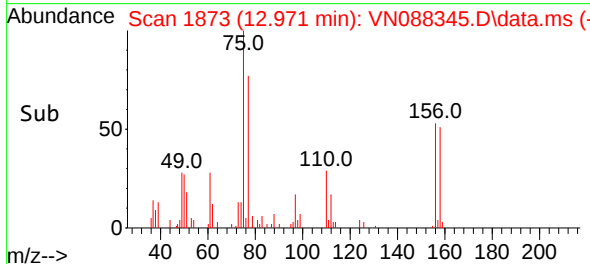
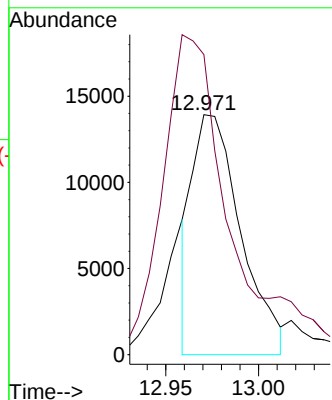
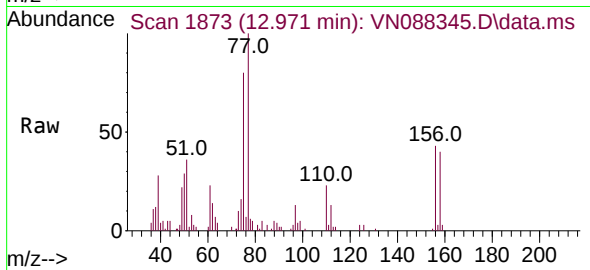
#76
1,2,3-Trichloropropane
Concen: 5.045 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 25268
Ion Ratio Lower Upper
75 100
77 192.2 87.2 261.6

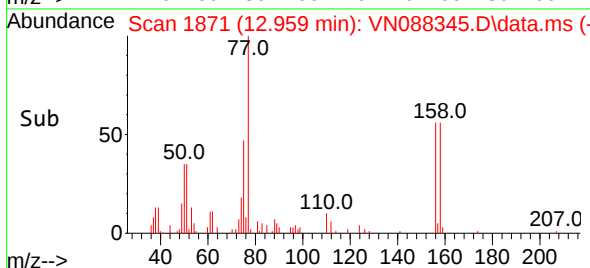
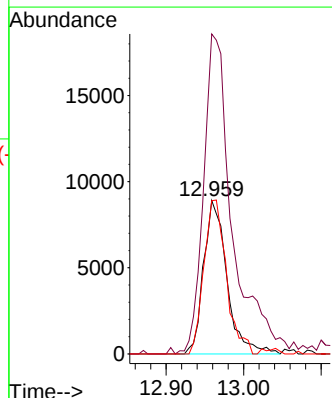
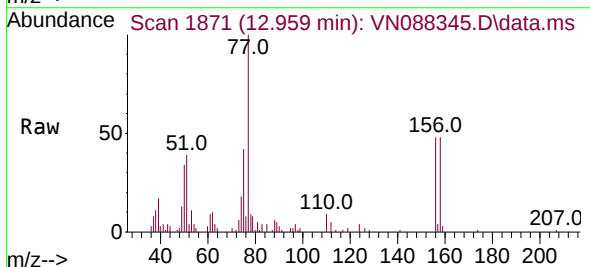
Manual Integrations
APPROVED

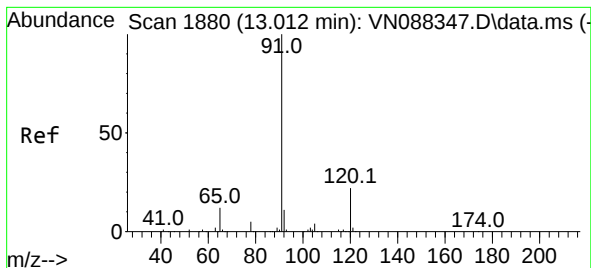
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#77
Bromobenzene
Concen: 5.143 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:156 Resp: 18654
Ion Ratio Lower Upper
156 100
77 260.3 121.6 364.7
158 96.4 48.6 145.8





#78

n-propylbenzene

Concen: 4.455 ug/l

RT: 13.018 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 89952

Ion Ratio Lower Upper

91 100

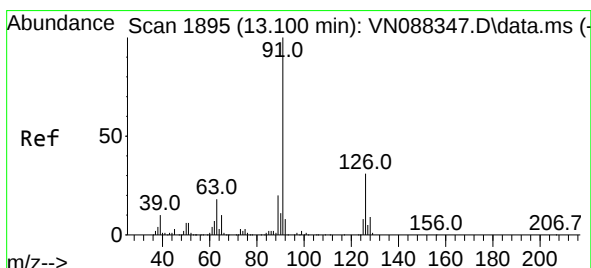
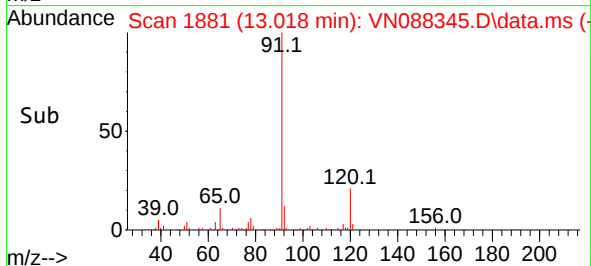
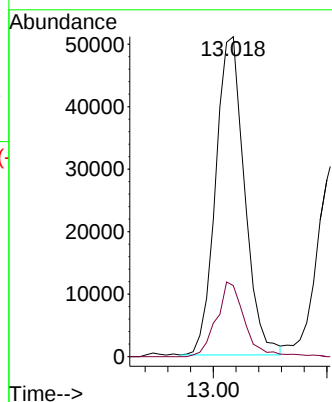
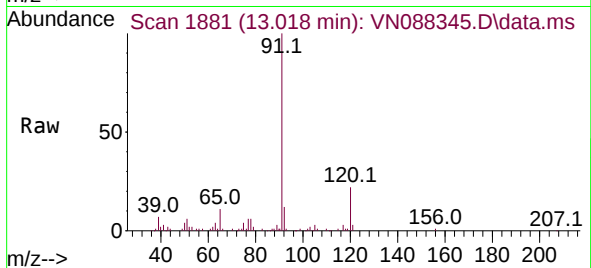
120 23.0 10.9 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#79

2-Chlorotoluene

Concen: 5.072 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN088345.D

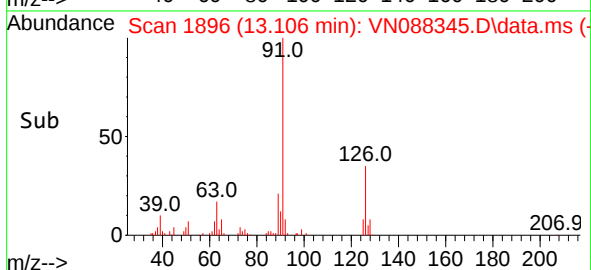
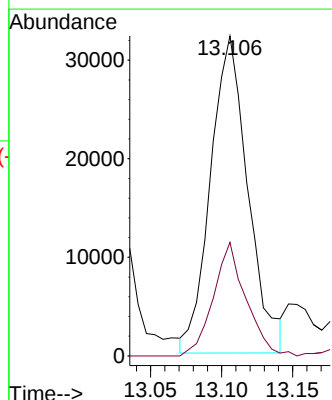
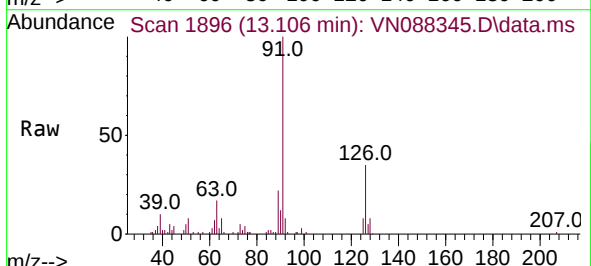
Acq: 24 Nov 2025 13:11

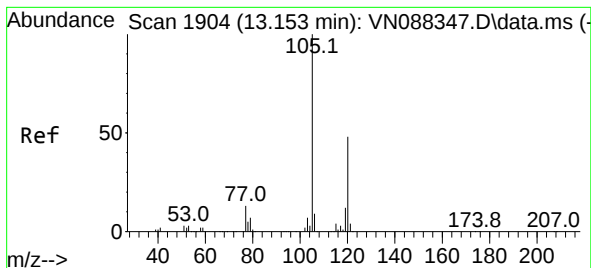
Tgt Ion: 91 Resp: 58975

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.9





#80

1,3,5-Trimethylbenzene

Concen: 4.574 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 62949

Ion Ratio Lower Upper

105 100

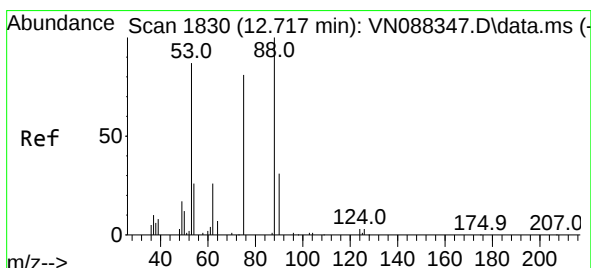
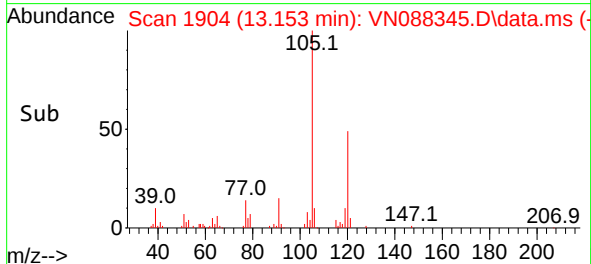
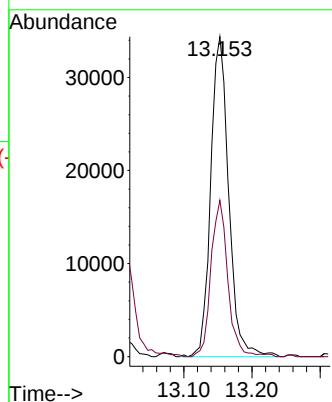
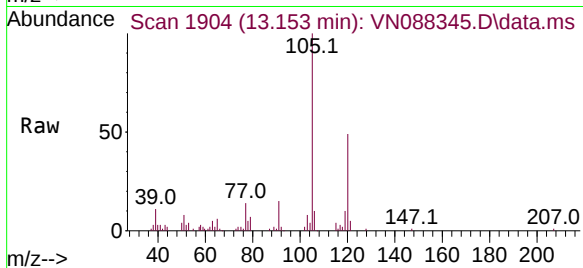
120 45.9 23.8 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 4.106 ug/l

RT: 12.729 min Scan# 1832

Delta R.T. 0.012 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

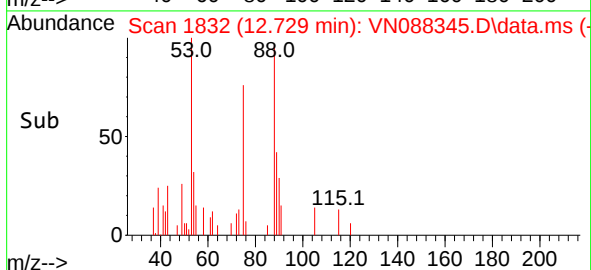
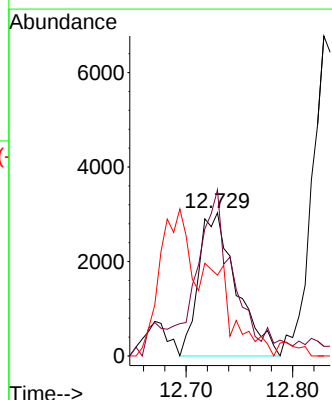
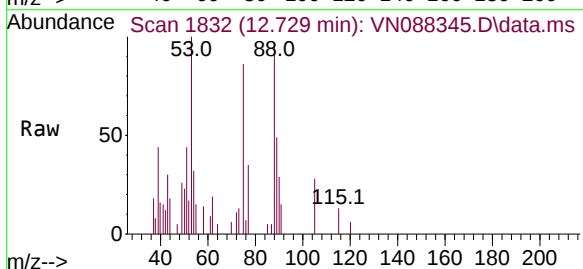
Tgt Ion: 75 Resp: 7483

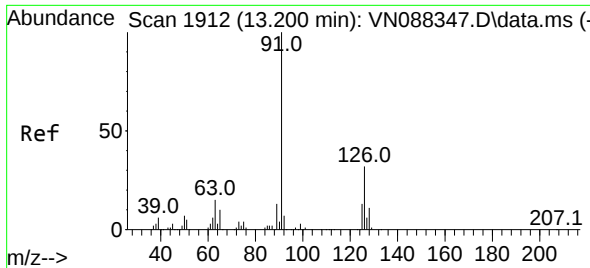
Ion Ratio Lower Upper

75 100

53 90.9 92.2 138.4#

89 49.7 0.0 0.0#





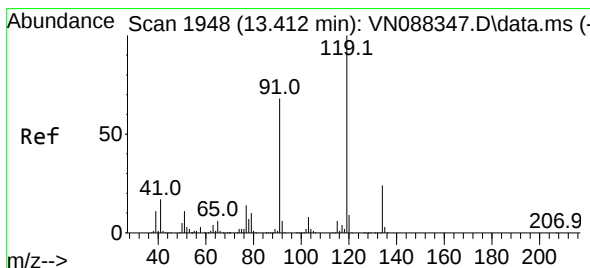
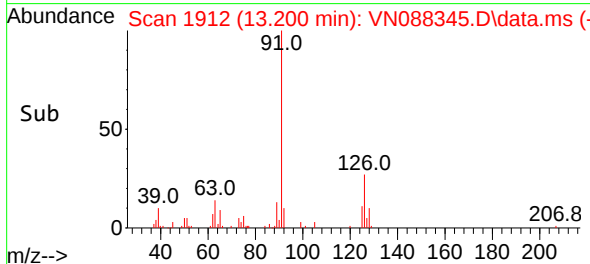
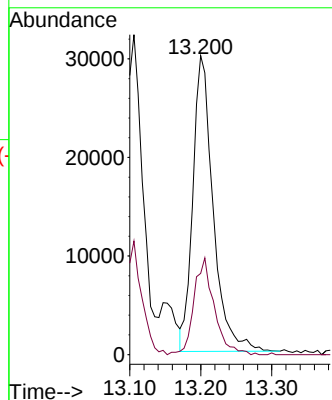
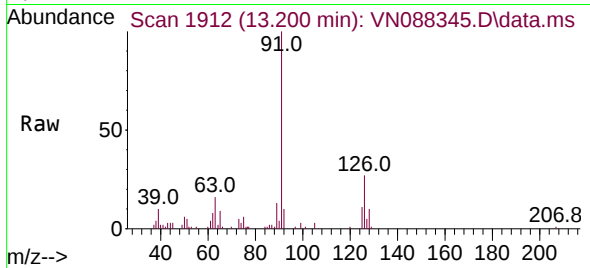
#82
4-Chlorotoluene
Concen: 4.734 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 59617
Ion Ratio Lower Upper
91 100
126 32.7 15.6 46.7

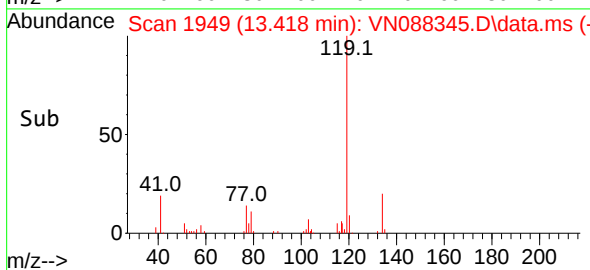
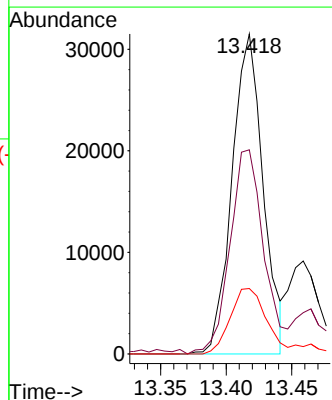
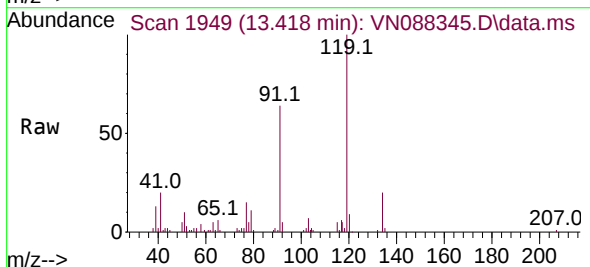
Manual Integrations
APPROVED

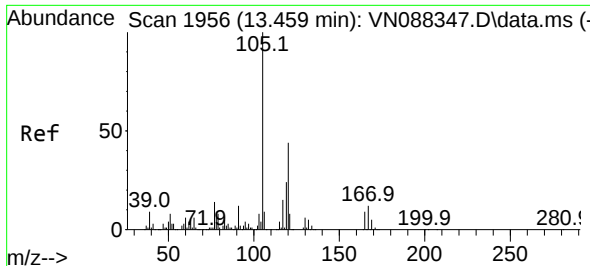
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#83
tert-Butylbenzene
Concen: 4.275 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

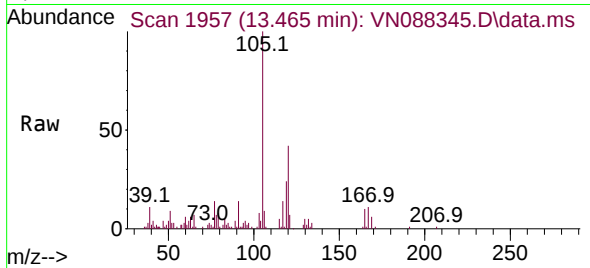
Tgt Ion:119 Resp: 51988
Ion Ratio Lower Upper
119 100
91 69.8 35.1 105.3
134 23.5 12.8 38.4





#84
1,2,4-Trimethylbenzene
Concen: 4.319 ug/l
RT: 13.465 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

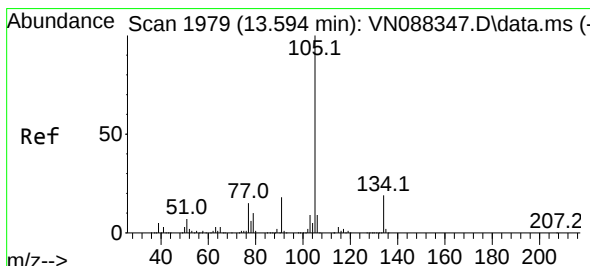
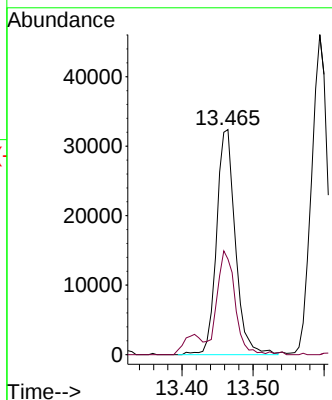
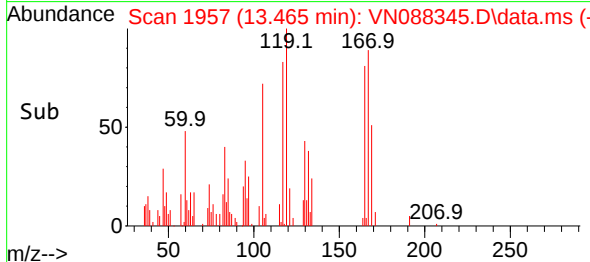
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



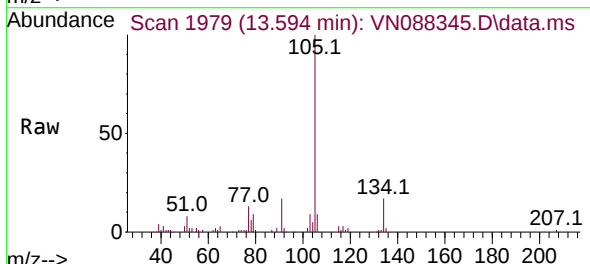
Tgt Ion:105 Resp: 59560
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1

Manual Integrations
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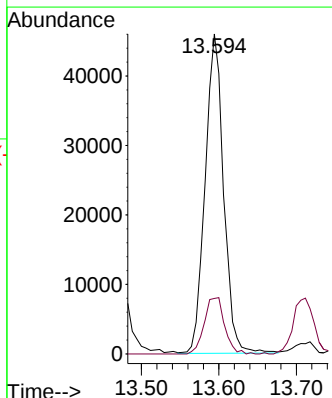
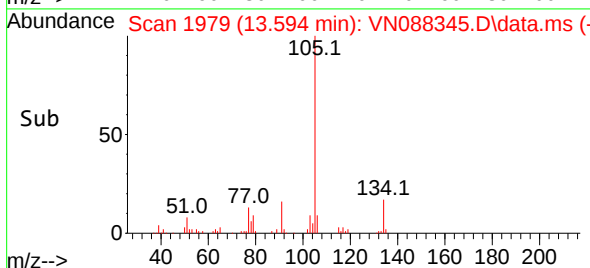
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

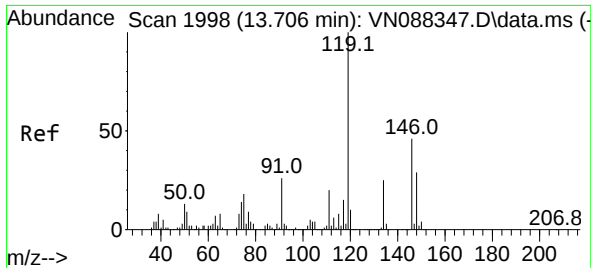


#85
sec-Butylbenzene
Concen: 4.278 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11



Tgt Ion:105 Resp: 76137
Ion Ratio Lower Upper
105 100
134 19.3 9.5 28.5





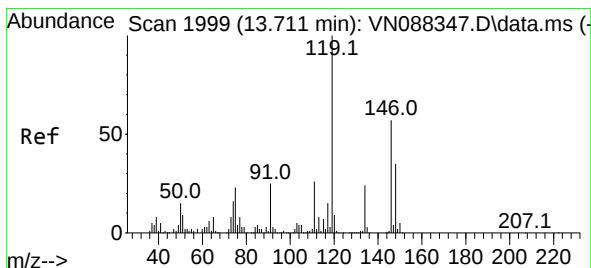
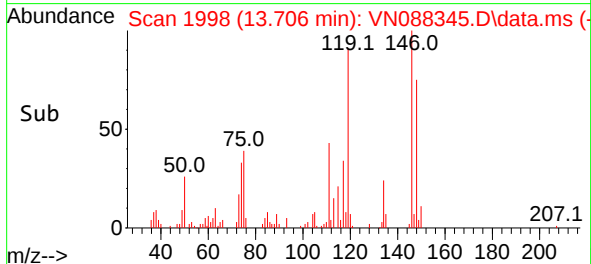
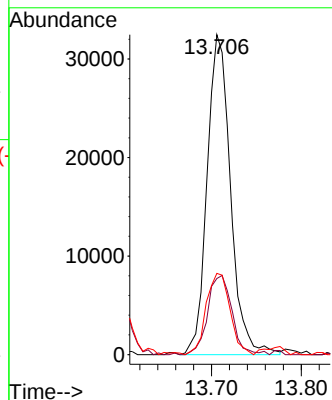
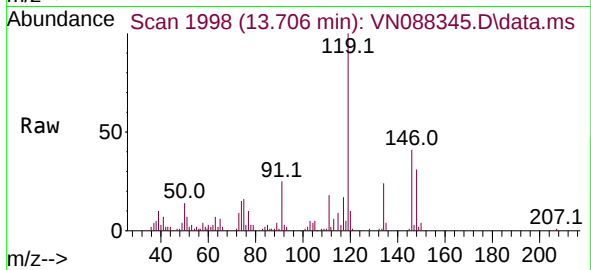
#86
p-Isopropyltoluene
Concen: 4.127 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 5915
Ion Ratio Lower Upper
119 100
134 25.4 12.2 36.6
91 25.7 13.0 39.0

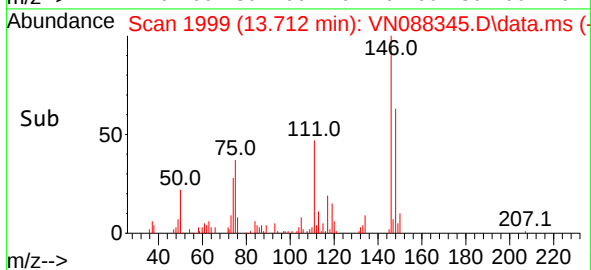
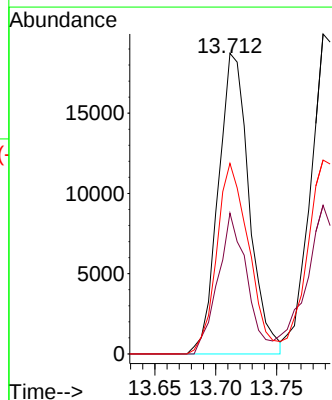
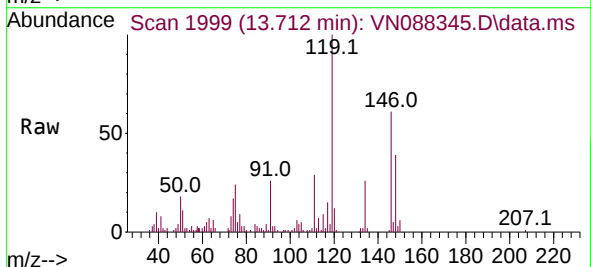
Manual Integrations
APPROVED

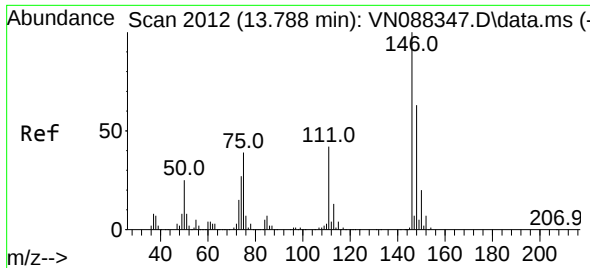
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#87
1,3-Dichlorobenzene
Concen: 4.633 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:146 Resp: 33144
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 66.2 31.6 94.8





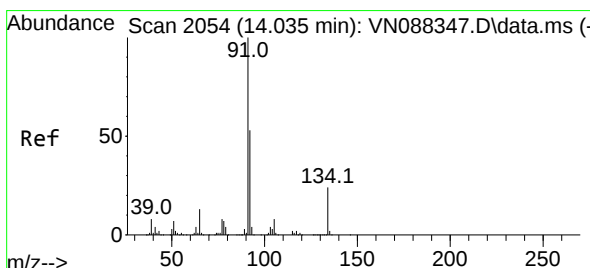
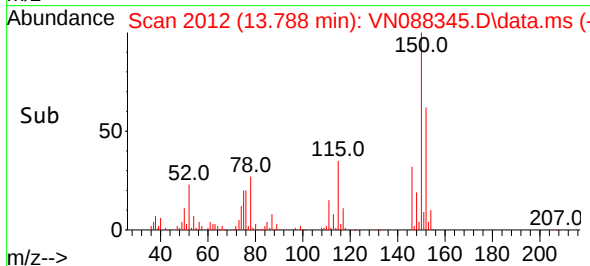
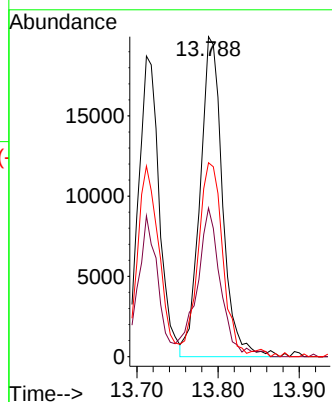
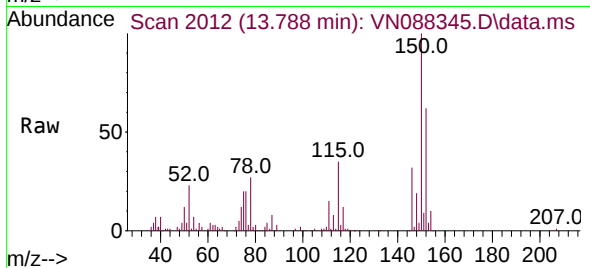
#88
1,4-Dichlorobenzene
Concen: 4.987 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 3845
Ion Ratio Lower Upper
146 100
111 49.2 21.6 64.6
148 65.7 31.0 93.0

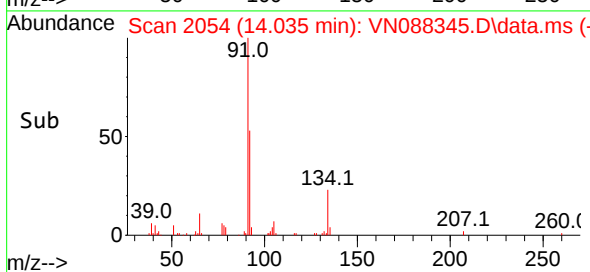
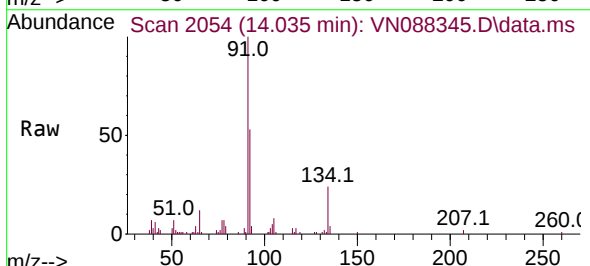
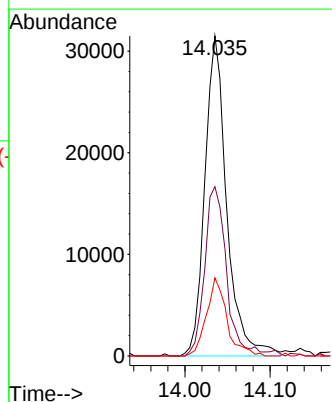
Manual Integrations
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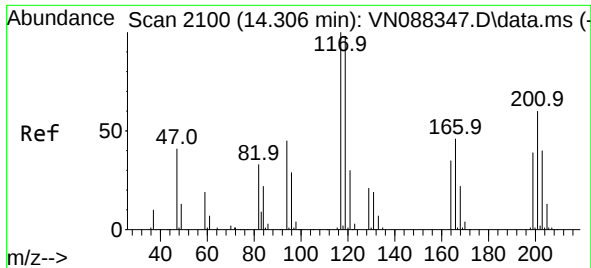
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#89
n-Butylbenzene
Concen: 3.979 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 91 Resp: 56132
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.3
134 22.7 11.7 35.1





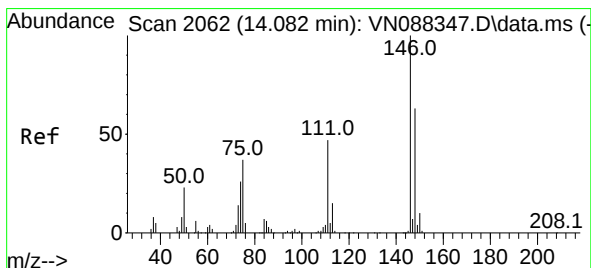
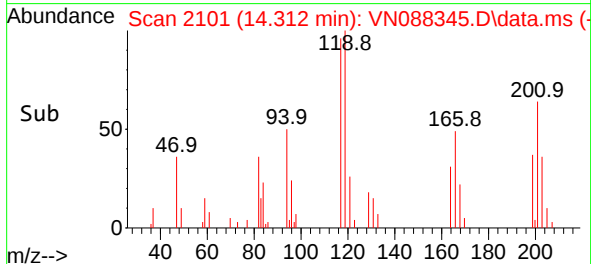
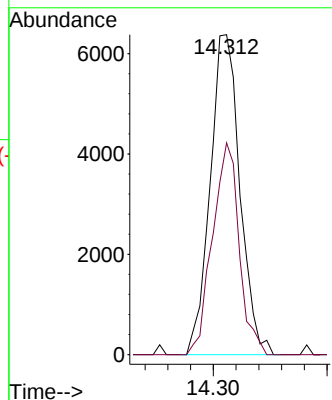
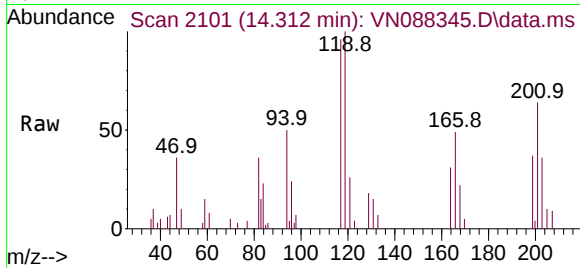
#90
Hexachloroethane
Concen: 4.214 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 11594
Ion Ratio Lower Upper
117 100
201 59.3 30.3 90.9

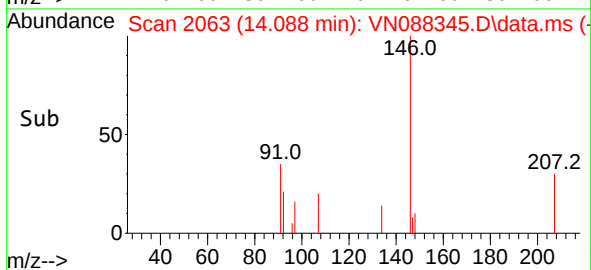
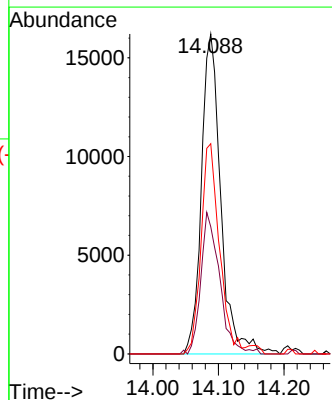
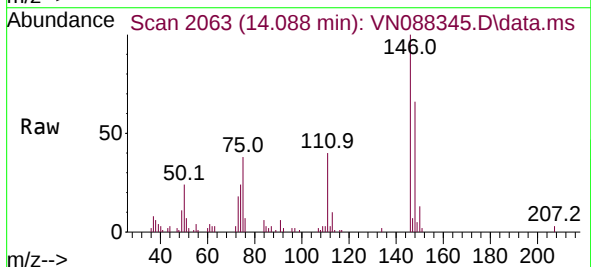
Manual Integrations
APPROVED

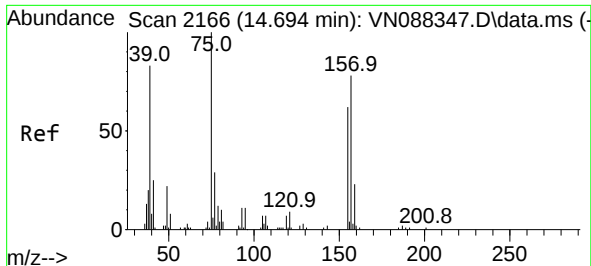
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#91
1,2-Dichlorobenzene
Concen: 4.804 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:146 Resp: 33169
Ion Ratio Lower Upper
146 100
111 43.1 23.3 69.9
148 62.7 31.8 95.4





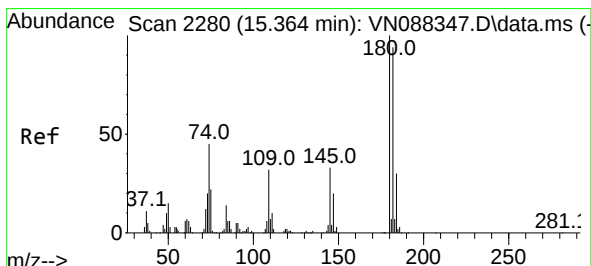
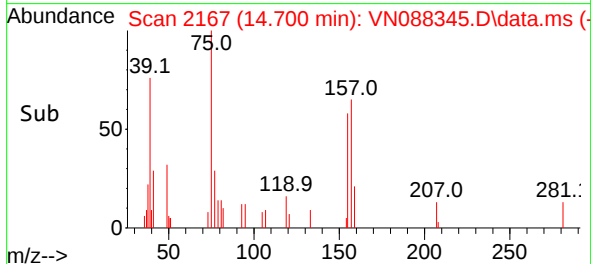
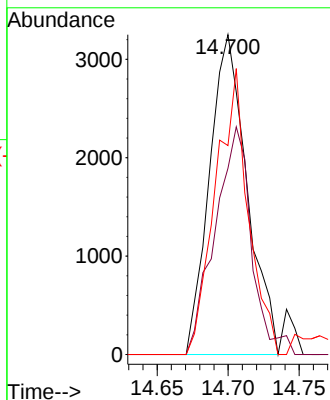
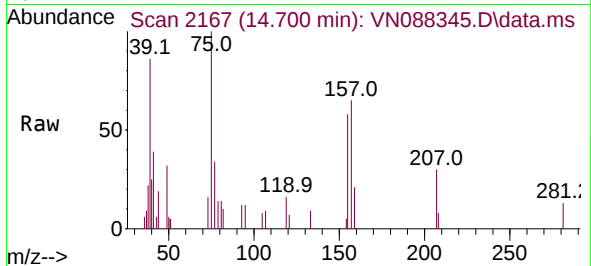
#92
1,2-Dibromo-3-Chloropropane
Concen: 4.862 ug/l
RT: 14.700 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 5979
Ion Ratio Lower Upper
75 100
155 68.9 33.7 101.1
157 78.0 43.8 131.3

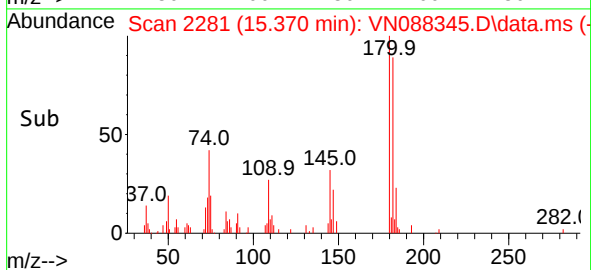
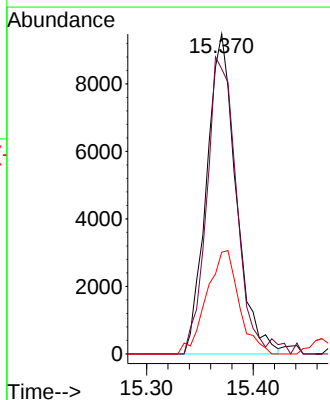
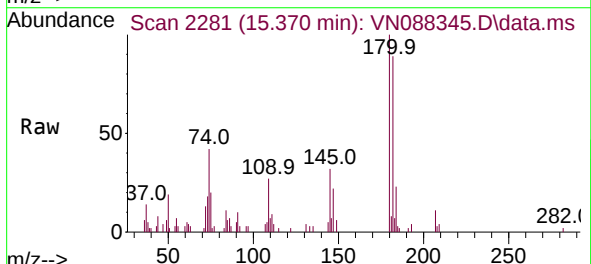
Manual Integrations
APPROVED

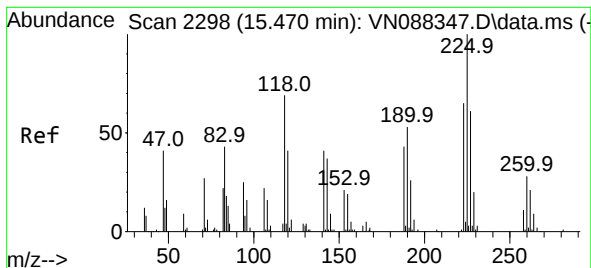
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#93
1,2,4-Trichlorobenzene
Concen: 4.379 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:180 Resp: 18203
Ion Ratio Lower Upper
180 100
182 92.8 46.1 138.2
145 35.5 16.7 50.1





#94

Hexachlorobutadiene

Concen: 4.376 ug/l

RT: 15.476 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

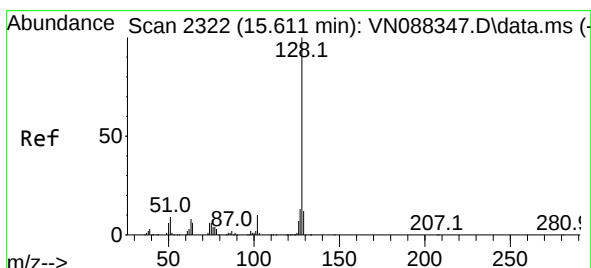
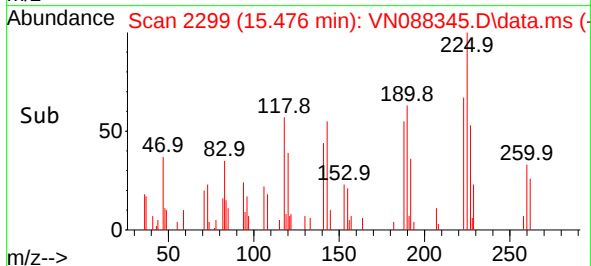
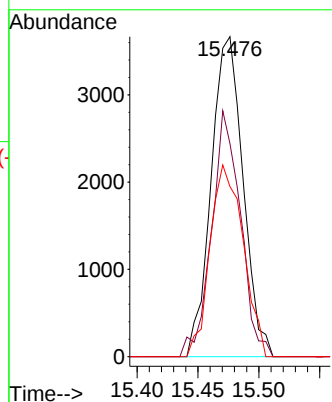
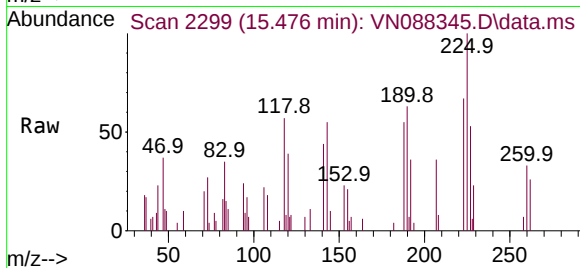
Tgt Ion:	225	Resp:	666
Ion Ratio	Lower	Upper	
225	100		
223	69.6	32.3	96.8
227	62.2	29.9	89.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#95

Naphthalene

Concen: 4.195 ug/l

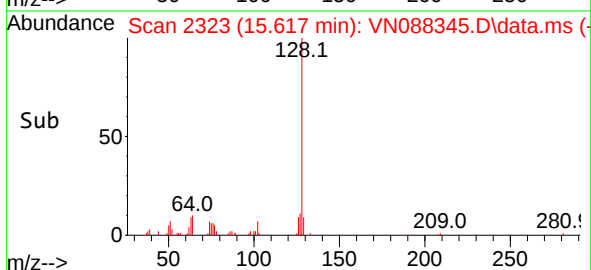
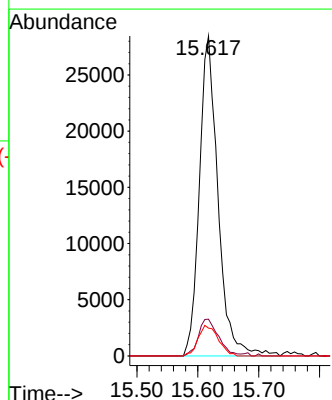
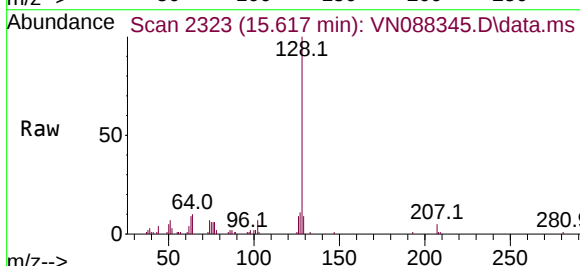
RT: 15.617 min Scan# 2323

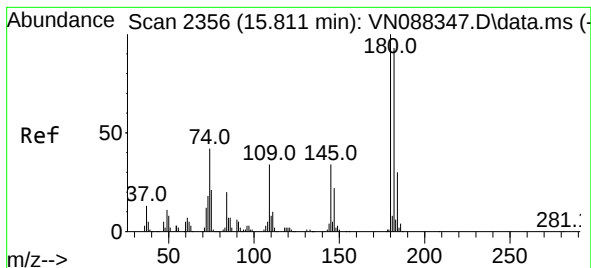
Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

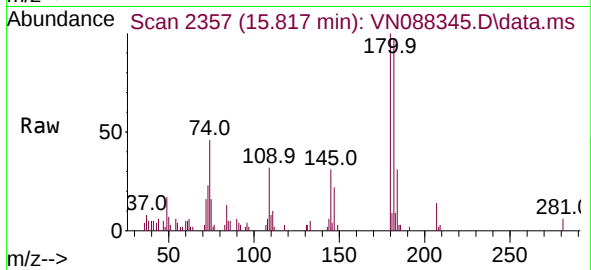
Tgt Ion:	128	Resp:	60329
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.4	15.6
129	10.2	9.0	13.6





#96
 1,2,3-Trichlorobenzene
 Concen: 4.465 ug/l
 RT: 15.817 min Scan# 2356
 Delta R.T. 0.006 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	45.9	137.7
145	34.6	17.8	53.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025

