

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077245.D
 Acq On : 31 Mar 2023 10:45
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 22:57:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 22:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	616165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	950320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	854589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	361280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	37356	5.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.780%#		
35) Dibromofluoromethane	8.166	113	31850	5.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.400%#		
50) Toluene-d8	10.572	98	117365	5.534	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.060%#		
62) 4-Bromofluorobenzene	12.854	95	35978	5.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.240%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	16278	5.170	ug/l	94
3) Chloromethane	2.372	50	22527	5.544	ug/l	98
4) Vinyl Chloride	2.525	62	23381	5.279	ug/l	99
5) Bromomethane	2.948	94	17774	5.582	ug/l	92
6) Chloroethane	3.119	64	19248	5.198	ug/l	95
7) Trichlorofluoromethane	3.507	101	51049	5.088	ug/l	97
8) Diethyl Ether	3.966	74	18853	4.880	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.390	101	31604	5.276	ug/l	98
10) Methyl Iodide	4.601	142	34908	4.753	ug/l	95
11) Tert butyl alcohol	5.537	59	24372	23.680	ug/l #	93
12) 1,1-Dichloroethene	4.348	96	27845	5.027	ug/l	98
13) Acrolein	4.190	56	30189	27.642	ug/l	98
14) Allyl chloride	5.025	41	47503	4.948	ug/l	97
15) Acrylonitrile	5.725	53	82465	24.367	ug/l	99
16) Acetone	4.437	43	82844	26.266	ug/l	99
17) Carbon Disulfide	4.719	76	75886	5.146	ug/l	99
18) Methyl Acetate	5.042	43	55950	4.717	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	90845	4.901	ug/l	99
20) Methylene Chloride	5.284	84	36386	5.154	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	31137	5.141	ug/l	98
22) Diisopropyl ether	6.678	45	100647	4.957	ug/l	93
23) Vinyl Acetate	6.613	43	285603	23.442	ug/l	99
24) 1,1-Dichloroethane	6.578	63	59919	5.024	ug/l	99
25) 2-Butanone	7.489	43	114218	25.476	ug/l	98
26) 2,2-Dichloropropane	7.495	77	43853	4.970	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	35987	4.968	ug/l	98
28) Bromochloromethane	7.813	49	24550	4.717	ug/l	94
29) Tetrahydrofuran	7.848	42	68166	24.182	ug/l	99
30) Chloroform	7.972	83	59498	5.064	ug/l	90
31) Cyclohexane	8.260	56	63250	5.653	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	48261	4.870	ug/l	90
36) 1,1-Dichloropropene	8.372	75	42930	4.987	ug/l	99
37) Ethyl Acetate	7.572	43	41694	4.827	ug/l #	94
38) Carbon Tetrachloride	8.366	117	43401	4.916	ug/l	95
39) Methylcyclohexane	9.607	83	52555	4.977	ug/l	97
40) Benzene	8.613	78	137150	5.074	ug/l	98

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 MSVOA_N
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 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 22:50:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	22540m	4.661	ug/l	
42) 1,2-Dichloroethane	8.672	62	44692	5.053	ug/l	99
43) Isopropyl Acetate	8.695	43	64292	4.745	ug/l	98
44) Trichloroethene	9.354	130	34990	5.003	ug/l	98
45) 1,2-Dichloropropane	9.625	63	35715	4.967	ug/l	97
46) Dibromomethane	9.713	93	22482	4.918	ug/l	98
47) Bromodichloromethane	9.889	83	44051	4.894	ug/l	98
48) Methyl methacrylate	9.683	41	30292	4.635	ug/l	97
49) 1,4-Dioxane	9.701	88	11819	95.061	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	214193	24.966	ug/l	96
52) Toluene	10.630	92	83825	5.127	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	41991	4.730	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	49886	4.837	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	33217	4.912	ug/l	93
56) Ethyl methacrylate	10.877	69	43713	4.669	ug/l	97
57) 1,3-Dichloropropane	11.166	76	57866	5.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	75875	23.446	ug/l	98
59) 2-Hexanone	11.201	43	152698	24.525	ug/l	97
60) Dibromochloromethane	11.360	129	33296	4.739	ug/l	97
61) 1,2-Dibromoethane	11.471	107	33096	5.041	ug/l	98
64) Tetrachloroethene	11.107	164	31614	5.052	ug/l	96
65) Chlorobenzene	11.895	112	89452	4.958	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	33087	4.785	ug/l	97
67) Ethyl Benzene	11.966	91	146673	4.822	ug/l	97
68) m/p-Xylenes	12.071	106	114089	9.643	ug/l	97
69) o-Xylene	12.401	106	54238	4.754	ug/l	99
70) Styrene	12.413	104	84049	4.627	ug/l	99
71) Bromoform	12.583	173	25628	4.722	ug/l #	99
73) Isopropylbenzene	12.695	105	137419	5.101	ug/l	100
74) N-amyl acetate	12.495	43	46931	4.725	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	47494	5.069	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	42436m	5.576	ug/l	
77) Bromobenzene	12.983	156	36765	5.096	ug/l	99
78) n-propylbenzene	13.036	91	148409	4.995	ug/l	98
79) 2-Chlorotoluene	13.124	91	96463	5.048	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	109333	5.049	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	13852	5.512	ug/l	93
82) 4-Chlorotoluene	13.224	91	89883	5.006	ug/l	99
83) tert-Butylbenzene	13.442	119	99523	5.044	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	101483	4.799	ug/l	100
85) sec-Butylbenzene	13.618	105	131858	4.950	ug/l	99
86) p-Isopropyltoluene	13.730	119	104480	4.809	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	63148	4.989	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	62785	5.027	ug/l	97
89) n-Butylbenzene	14.060	91	77171	4.435	ug/l	98
90) Hexachloroethane	14.336	117	22311	4.936	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	61017	4.908	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	7024	4.487	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	17330	3.582	ug/l	96
94) Hexachlorobutadiene	15.465	225	20274	4.899	ug/l	99
95) Naphthalene	15.589	128	37530	2.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	17247	3.631	ug/l	95

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

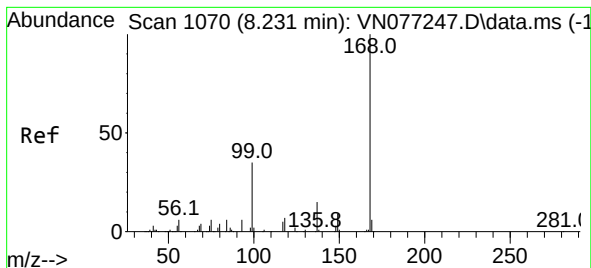
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 22:50:34 2023
Response via : Initial Calibration

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



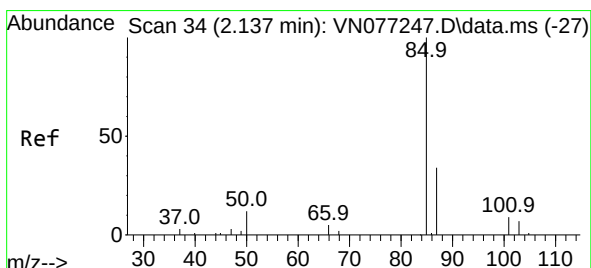
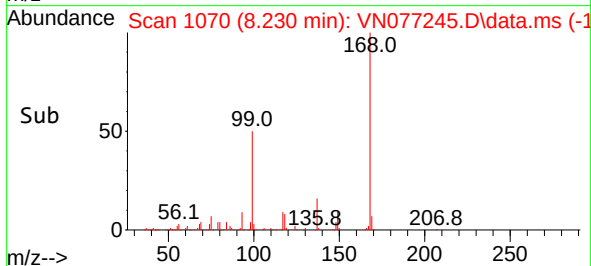
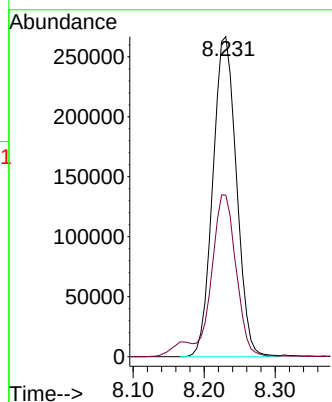
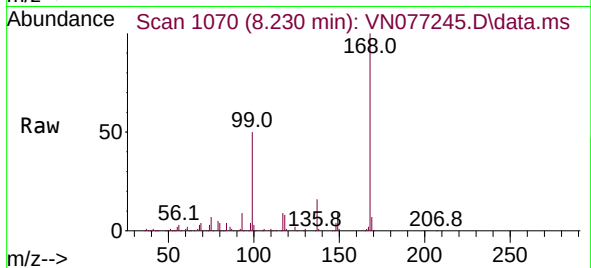
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 61616
Ion Ratio Lower Upper
168 100
99 50.3 41.8 62.8

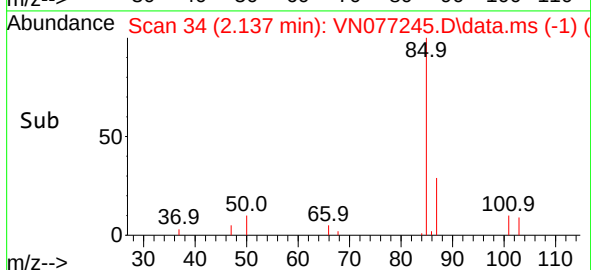
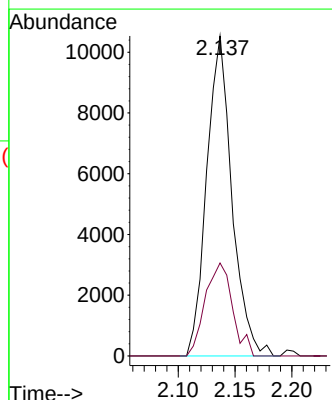
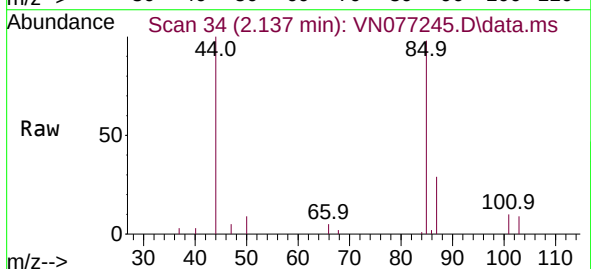
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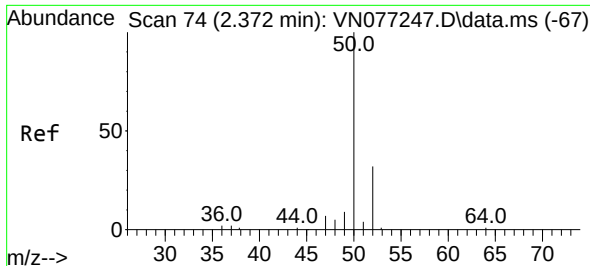
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 5.170 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 85 Resp: 16278
Ion Ratio Lower Upper
85 100
87 29.0 16.3 48.8





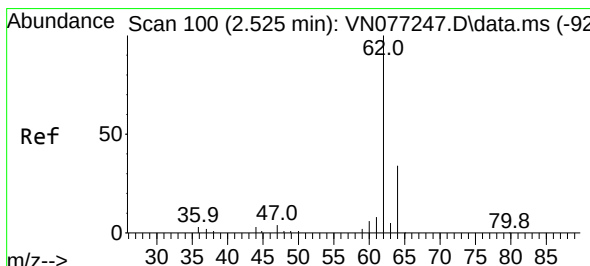
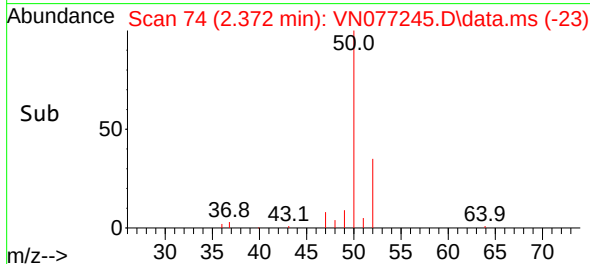
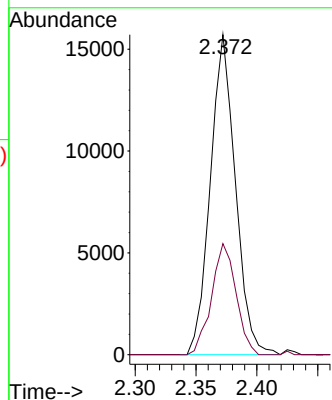
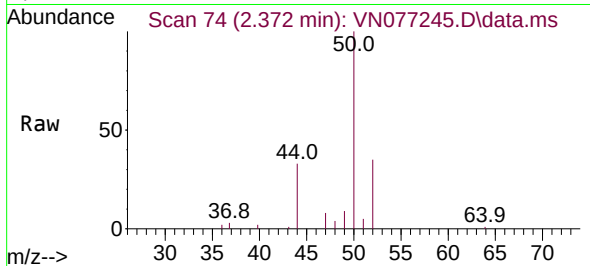
#3
Chloromethane
Concen: 5.544 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 2252
Ion Ratio Lower Upper
50 100
52 34.7 26.9 40.3

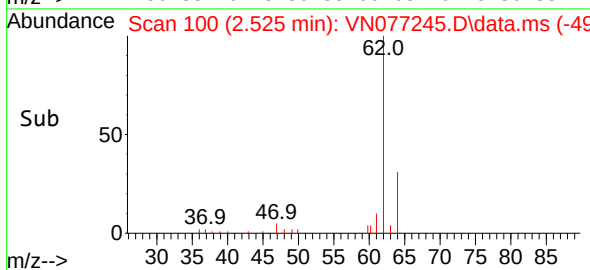
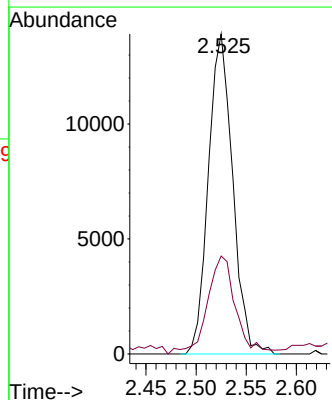
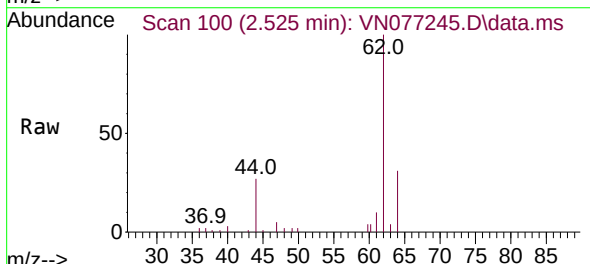
Manual Integrations
APPROVED

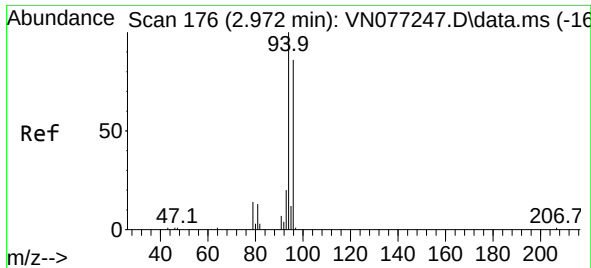
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#4
Vinyl Chloride
Concen: 5.279 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

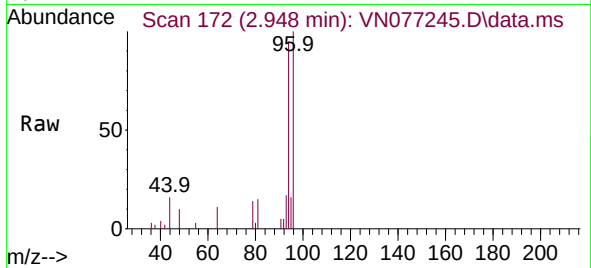
Tgt Ion: 62 Resp: 23381
Ion Ratio Lower Upper
62 100
64 29.4 23.9 35.9





#5
Bromomethane
Concen: 5.582 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

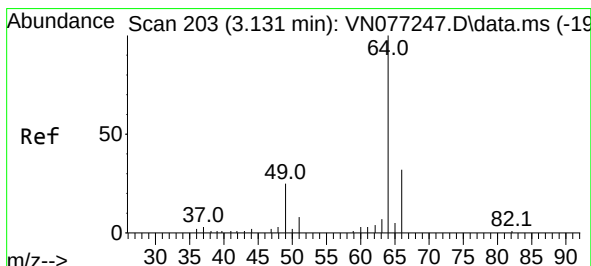
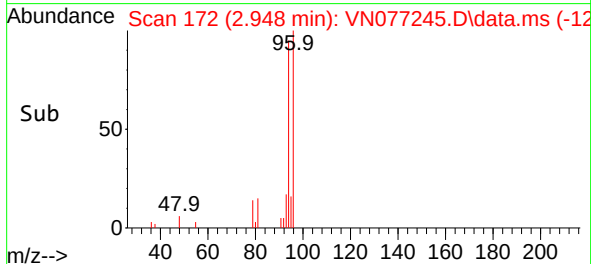
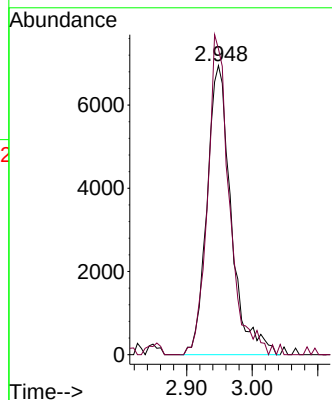
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 17774
Ion Ratio Lower Upper
94 100
96 105.7 78.1 117.1

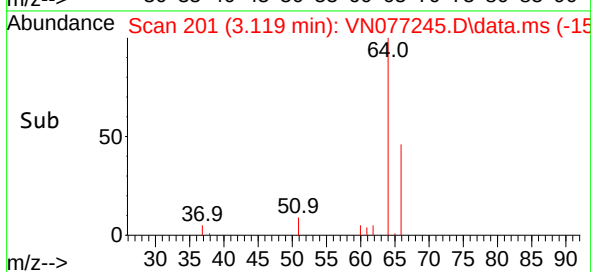
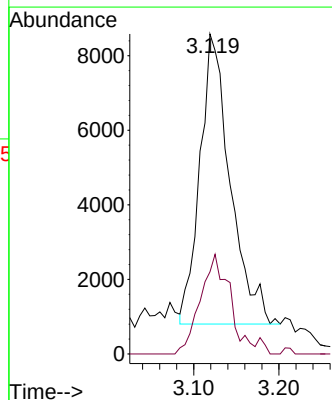
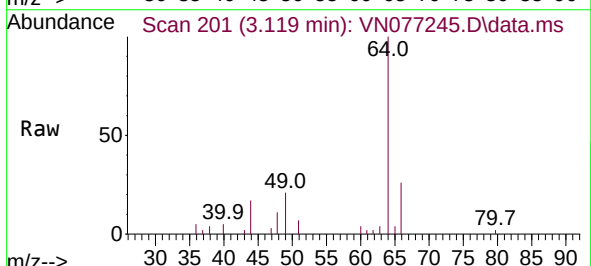
Manual Integrations
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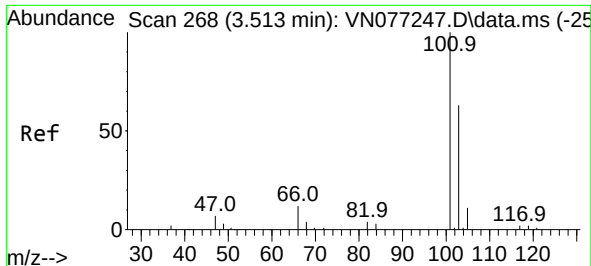
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#6
Chloroethane
Concen: 5.198 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

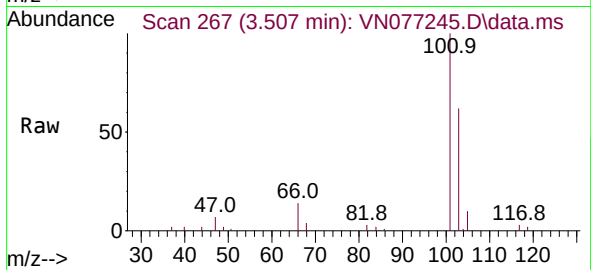
Tgt Ion: 64 Resp: 19248
Ion Ratio Lower Upper
64 100
66 28.3 25.0 37.6





#7
Trichlorofluoromethane
Concen: 5.088 ug/l
RT: 3.507 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

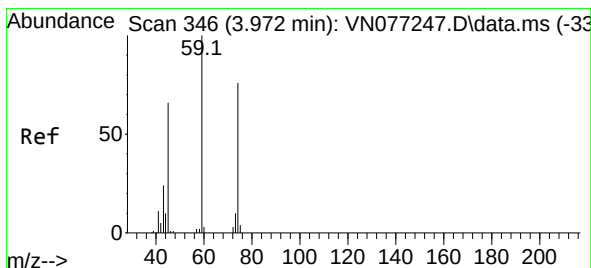
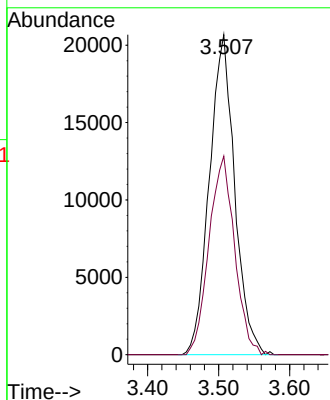
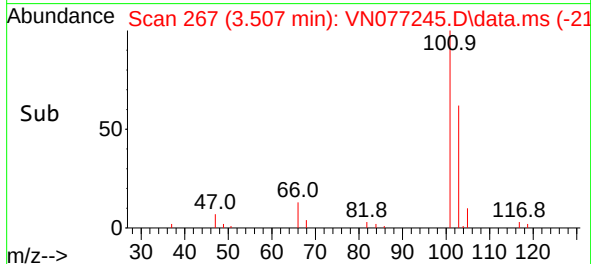
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 51049
Ion Ratio Lower Upper
101 100
103 62.0 51.4 77.2

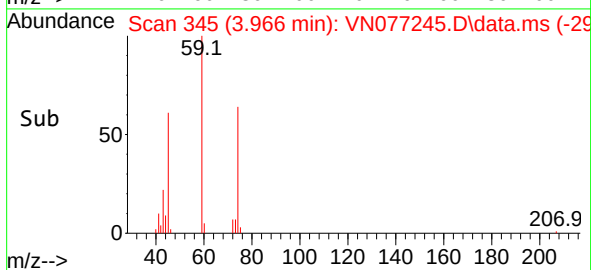
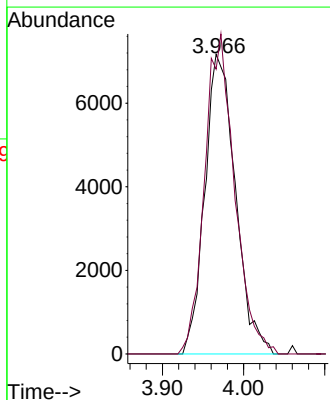
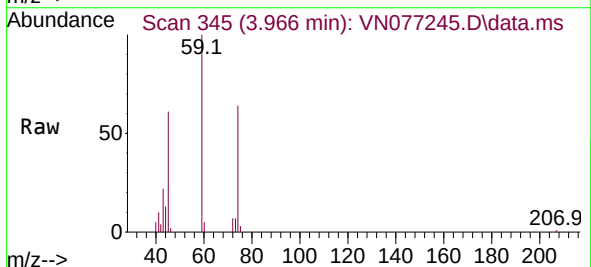
Manual Integrations
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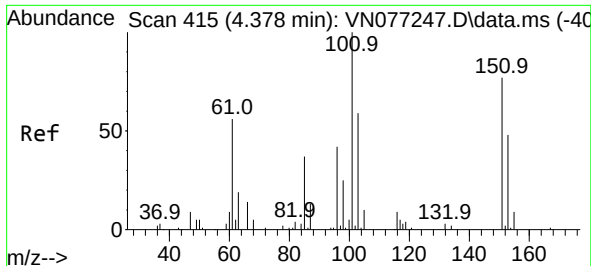
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#8
Diethyl Ether
Concen: 4.880 ug/l
RT: 3.966 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 74 Resp: 18853
Ion Ratio Lower Upper
74 100
45 104.0 47.8 143.3





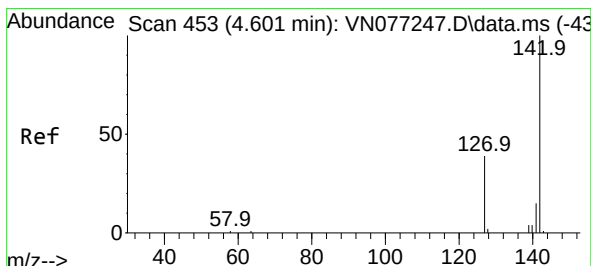
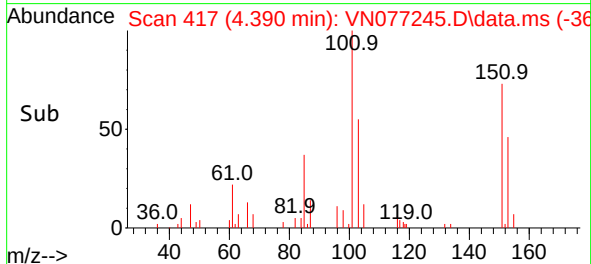
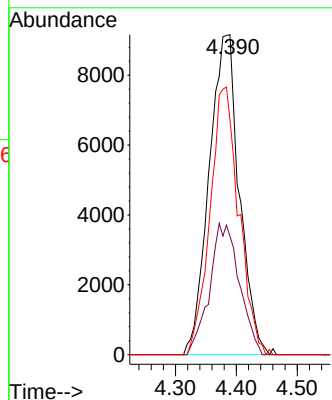
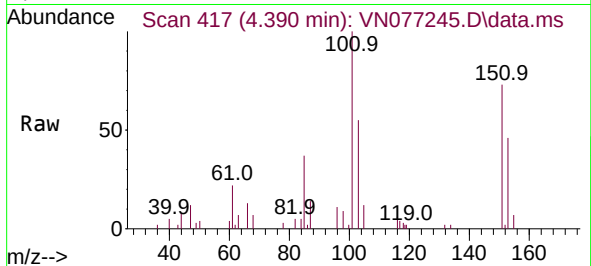
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.276 ug/l
RT: 4.390 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 31604
Ion Ratio Lower Upper
101 100
85 40.5 33.5 50.3
151 79.8 65.3 97.9

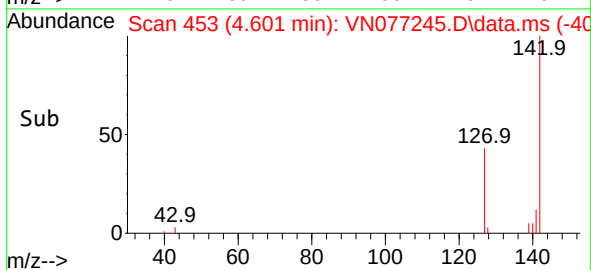
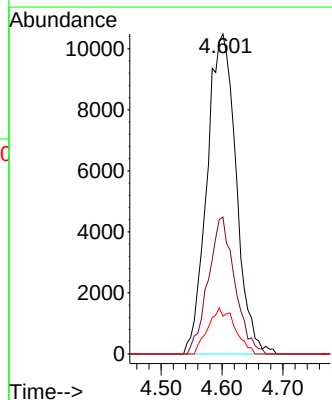
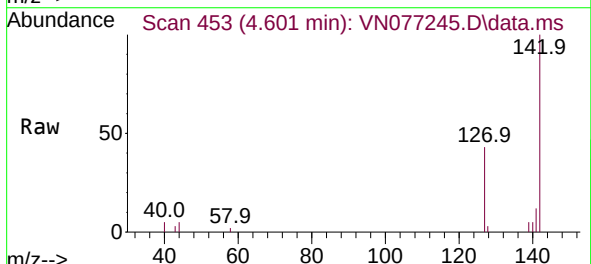
Manual Integrations
APPROVED

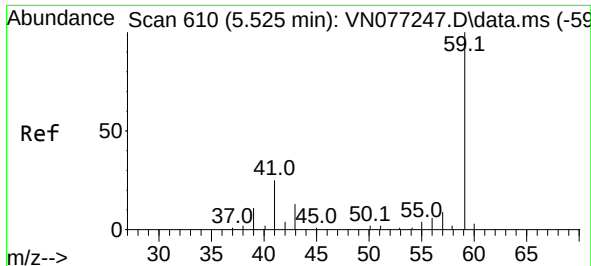
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 4.753 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

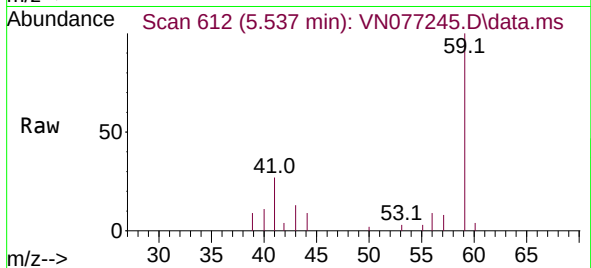
Tgt Ion:142 Resp: 34908
Ion Ratio Lower Upper
142 100
127 42.8 31.8 47.8
141 11.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 23.680 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

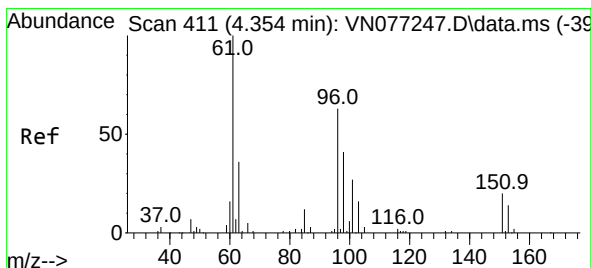
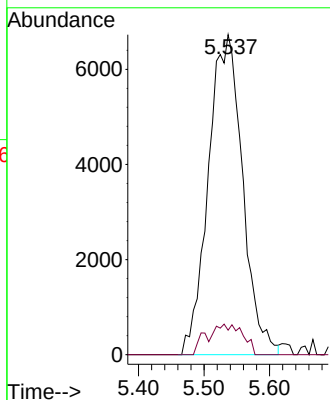
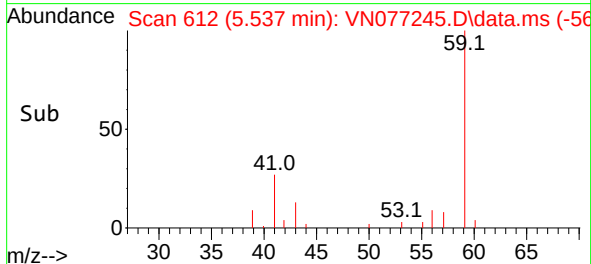
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



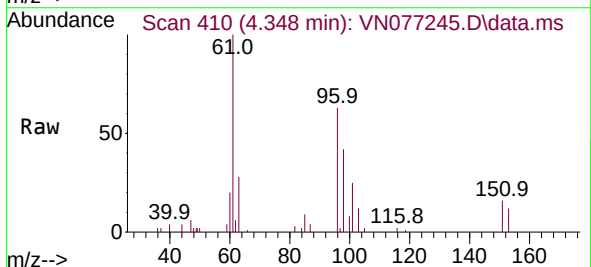
Tgt Ion: 59 Resp: 24372
Ion Ratio Lower Upper
59 100
57 7.8 8.5 12.7

Manual Integrations
APPROVED

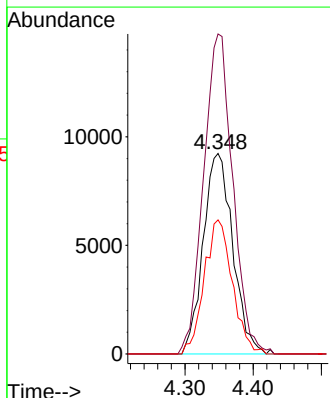
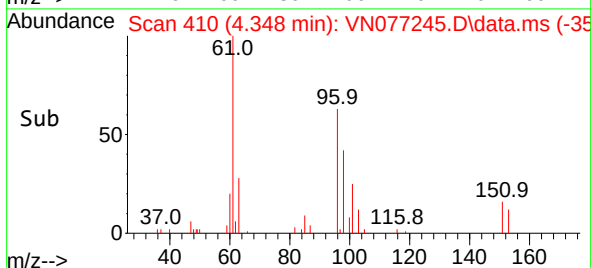
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

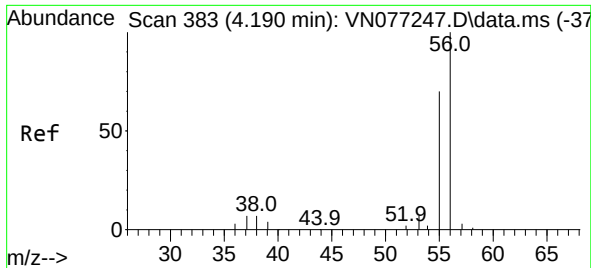


#12
1,1-Dichloroethene
Concen: 5.027 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



Tgt Ion: 96 Resp: 27845
Ion Ratio Lower Upper
96 100
61 159.6 126.4 189.6
98 66.9 50.8 76.2





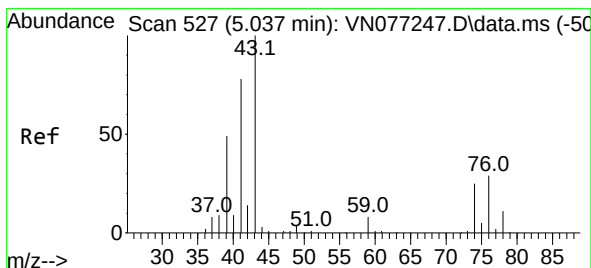
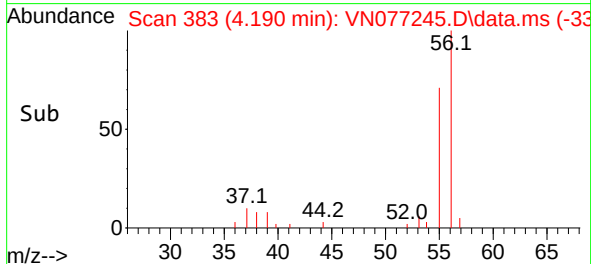
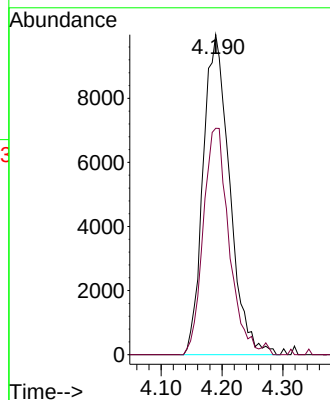
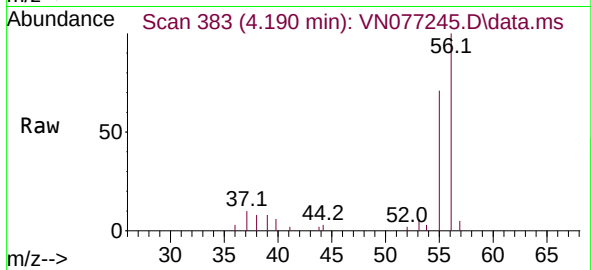
#13
Acrolein
Concen: 27.642 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 30189
Ion Ratio Lower Upper
56 100
55 68.5 56.0 84.0

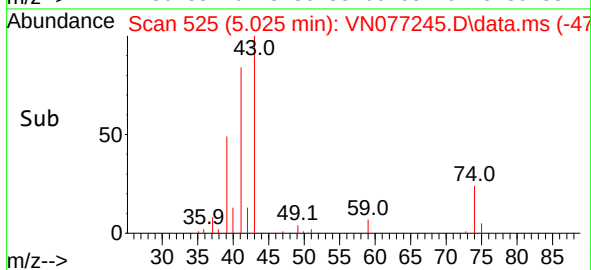
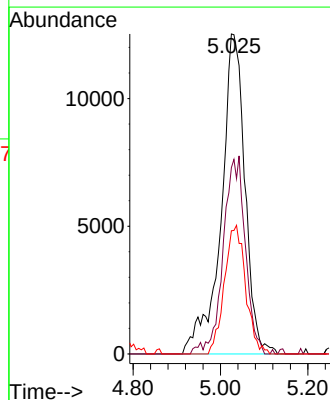
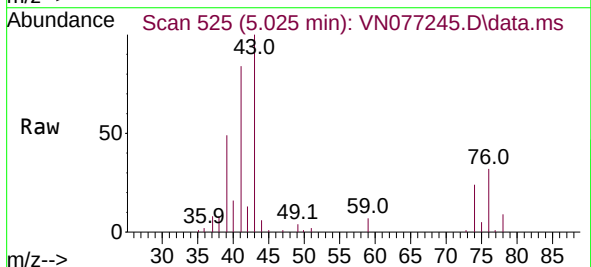
Manual Integrations
APPROVED

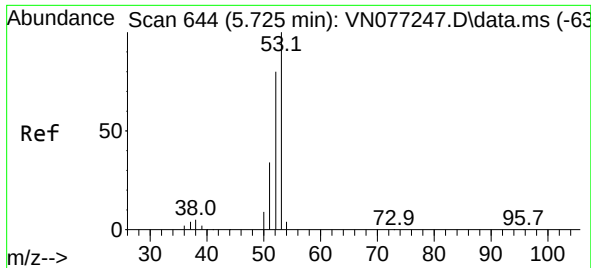
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#14
Allyl chloride
Concen: 4.948 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

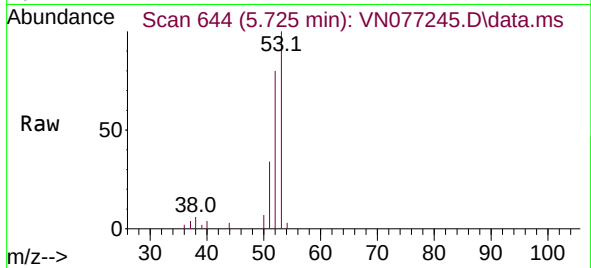
Tgt Ion: 41 Resp: 47503
Ion Ratio Lower Upper
41 100
39 56.1 46.8 70.2
76 35.7 27.3 40.9





#15
Acrylonitrile
Concen: 24.367 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

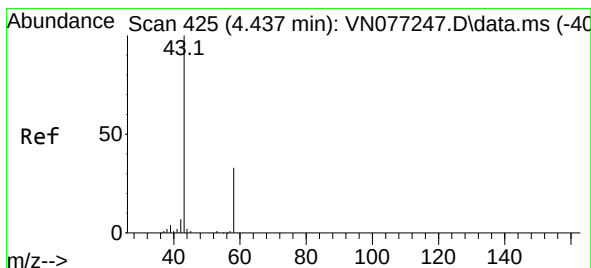
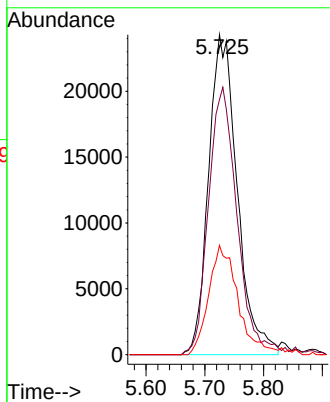
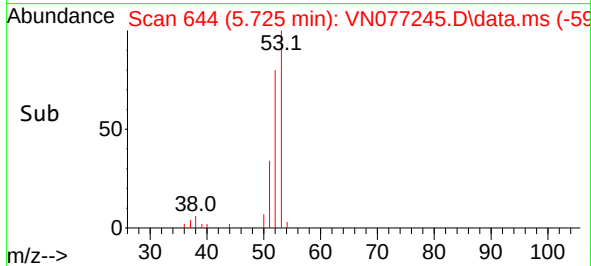
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 82465
Ion Ratio Lower Upper
53 100
52 83.2 65.8 98.6
51 35.6 28.2 42.2

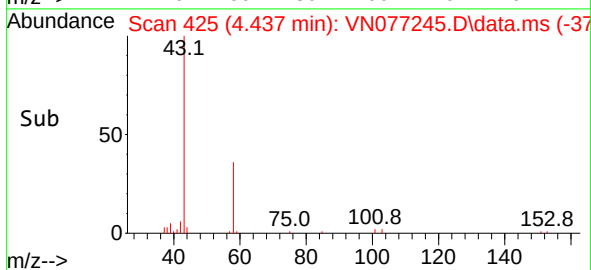
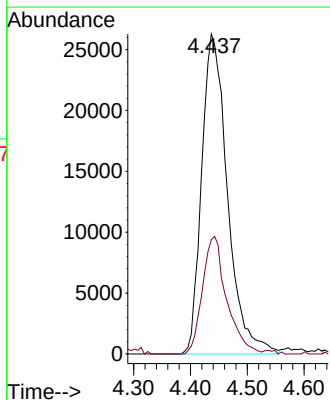
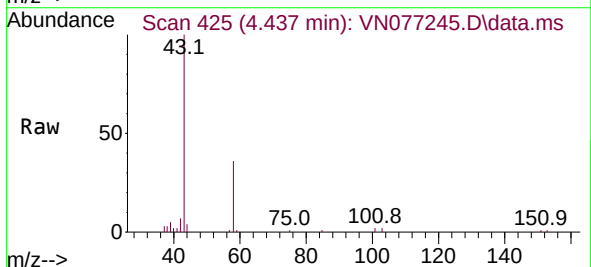
Manual Integrations
APPROVED

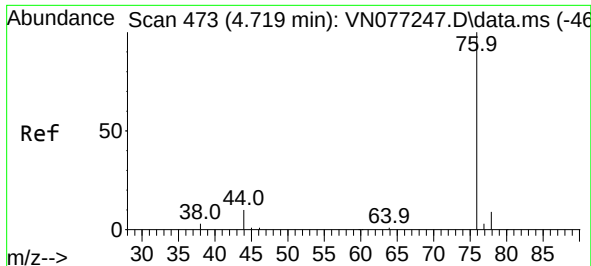
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Acetone
Concen: 26.266 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

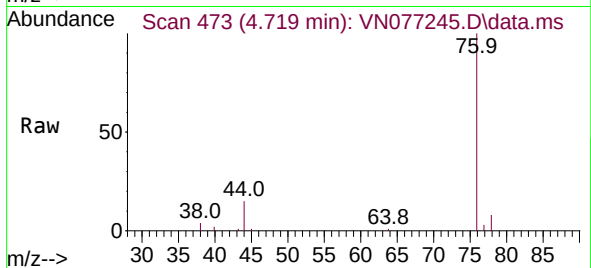
Tgt Ion: 43 Resp: 82844
Ion Ratio Lower Upper
43 100
58 35.7 28.2 42.4





#17
Carbon Disulfide
Concen: 5.146 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

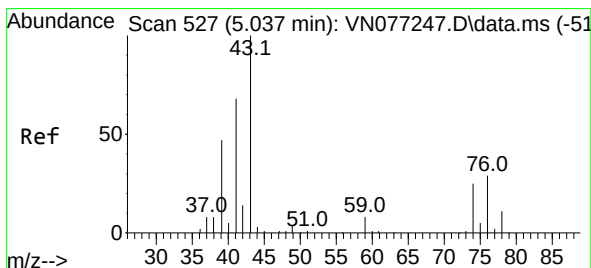
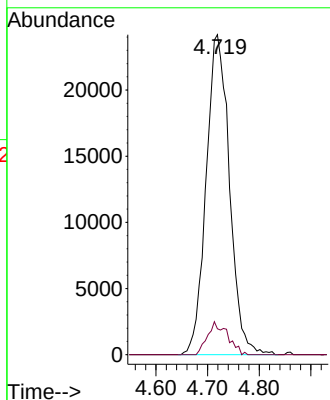
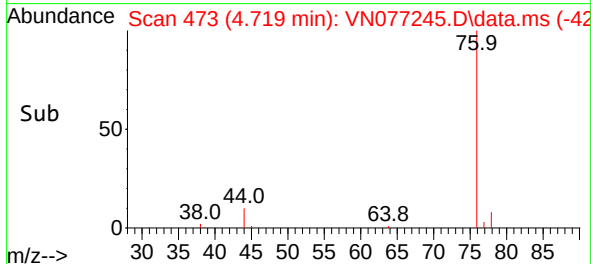
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



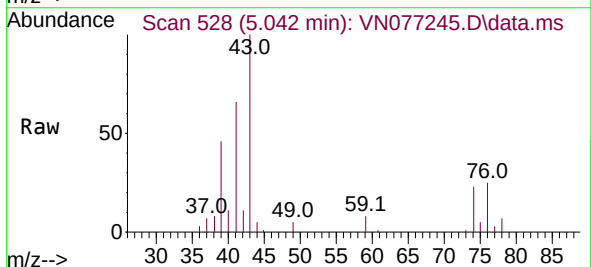
Tgt Ion: 76 Resp: 7588
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2

Manual Integrations
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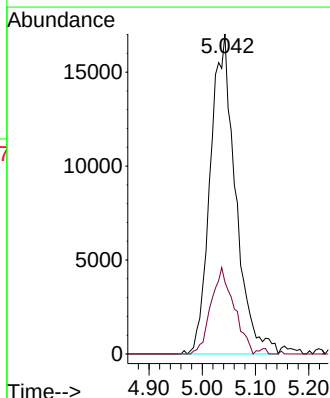
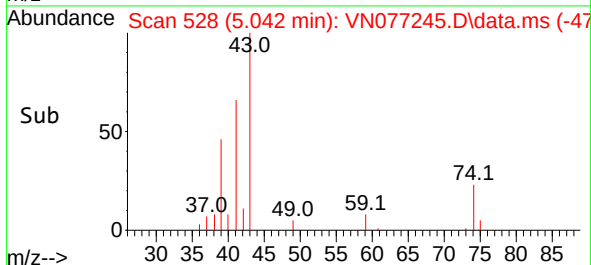
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

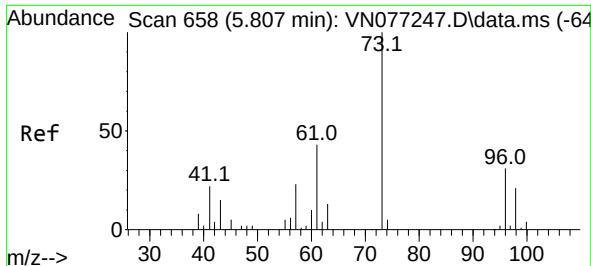


#18
Methyl Acetate
Concen: 4.717 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



Tgt Ion: 43 Resp: 55950
Ion Ratio Lower Upper
43 100
74 24.7 19.6 29.4





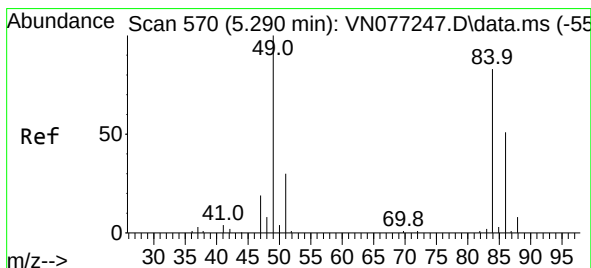
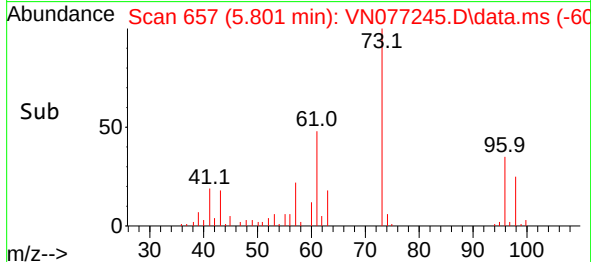
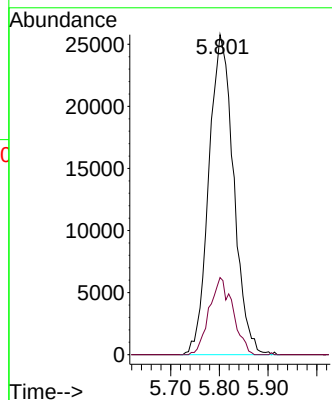
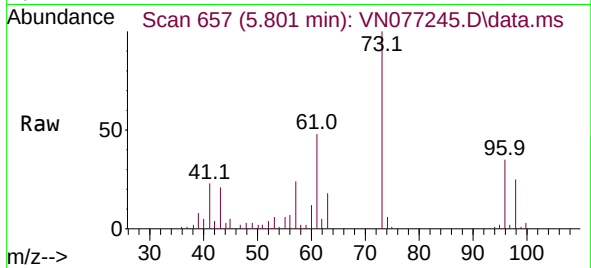
#19
Methyl tert-butyl Ether
Concen: 4.901 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 9084
Ion Ratio Lower Upper
73 100
57 24.1 18.7 28.1

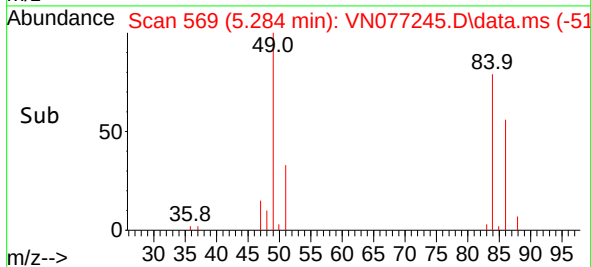
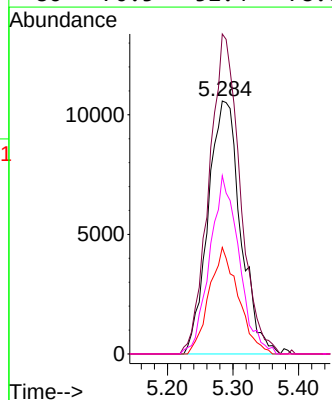
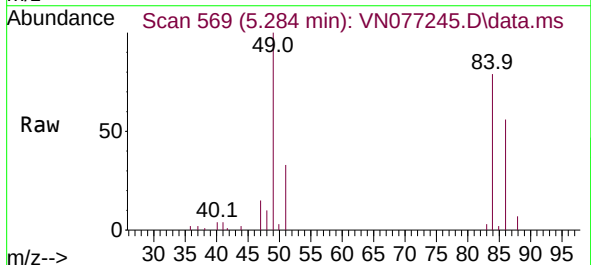
Manual Integrations
APPROVED

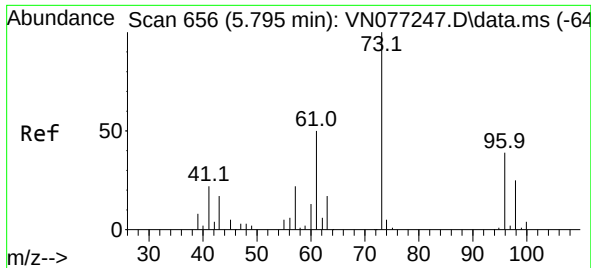
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 5.154 ug/l
RT: 5.284 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 84 Resp: 36386
Ion Ratio Lower Upper
84 100
49 126.5 97.8 146.8
51 42.1 29.8 44.8
86 70.5 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 5.141 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

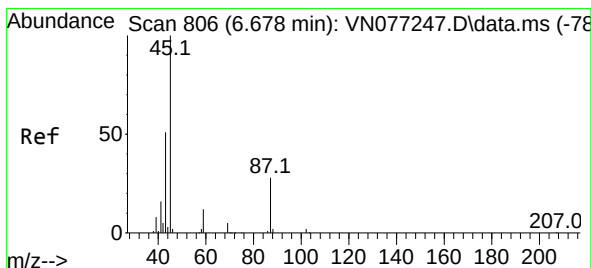
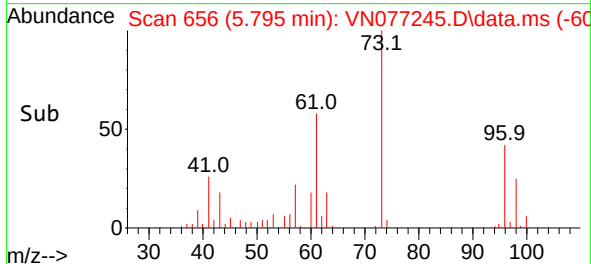
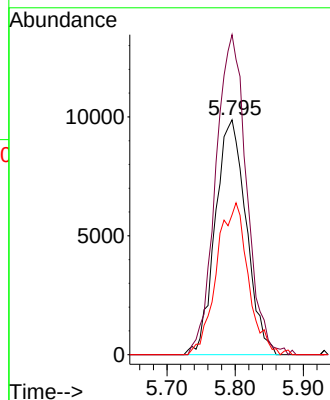
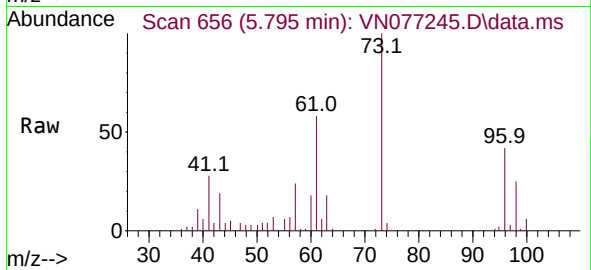
VSTDIC005

Tgt Ion: 96 Resp: 3113
Ion Ratio Lower Upper
96 100
61 136.3 109.7 164.5
98 59.6 50.4 75.6

Manual Integrations

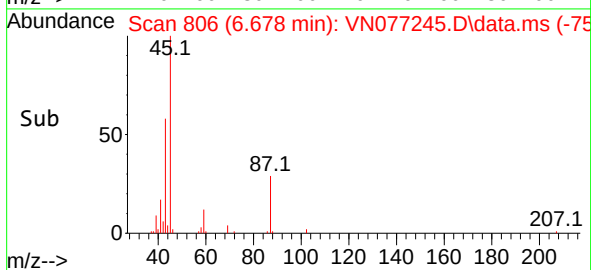
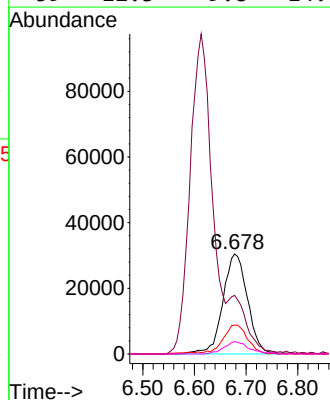
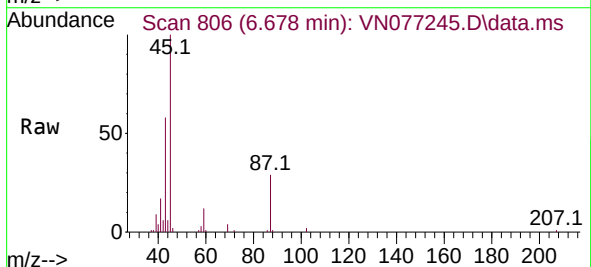
APPROVED

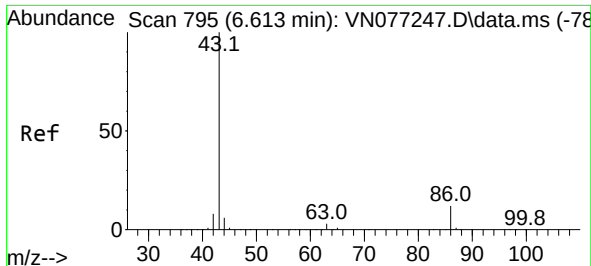
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#22
Diisopropyl ether
Concen: 4.957 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 45 Resp: 100647
Ion Ratio Lower Upper
45 100
43 56.2 39.6 59.4
87 28.8 21.0 31.4
59 12.3 9.8 14.6





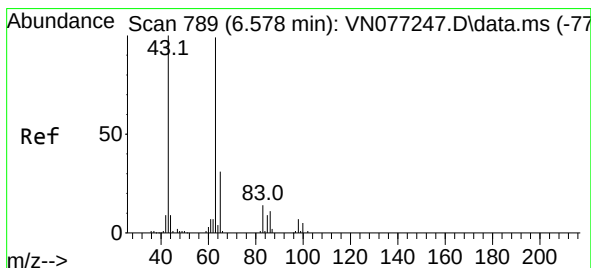
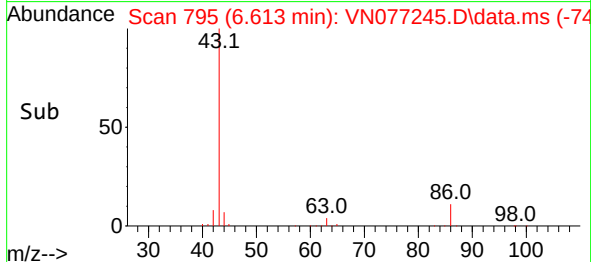
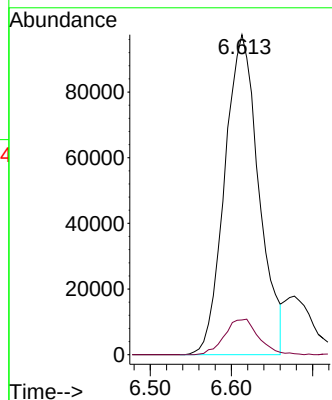
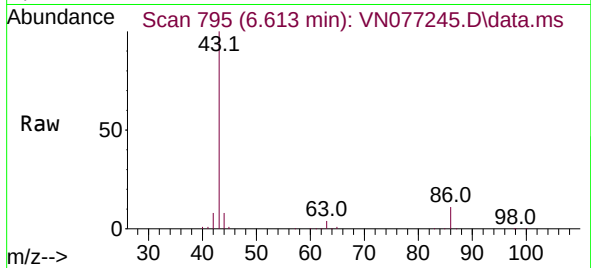
#23
 Vinyl Acetate
 Concen: 23.442 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077245.D
 Acq: 31 Mar 2023 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 28560
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.4

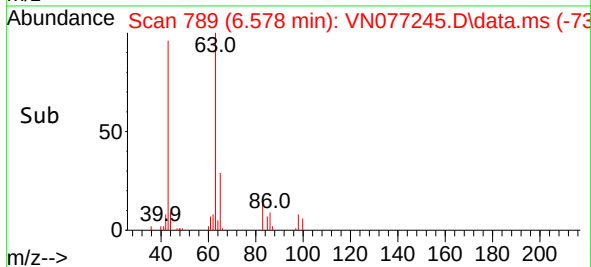
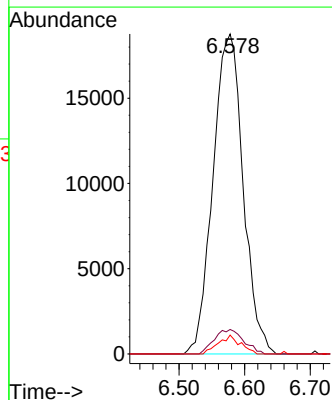
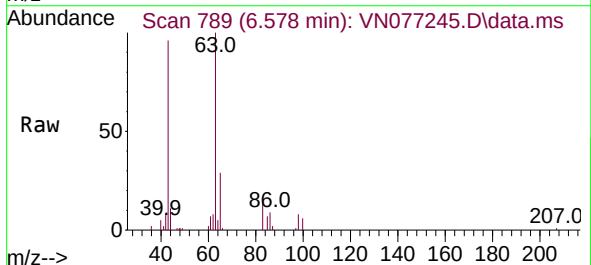
Manual Integrations
 APPROVED

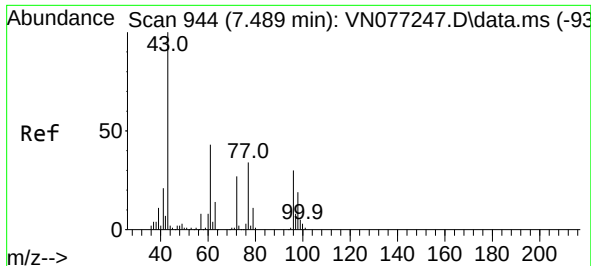
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#24
 1,1-Dichloroethane
 Concen: 5.024 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077245.D
 Acq: 31 Mar 2023 10:45

Tgt Ion: 63 Resp: 59919
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.5
 100 5.9 2.4 7.1





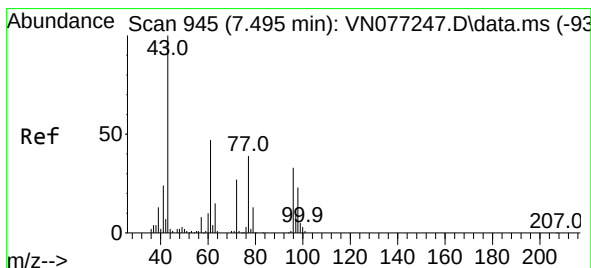
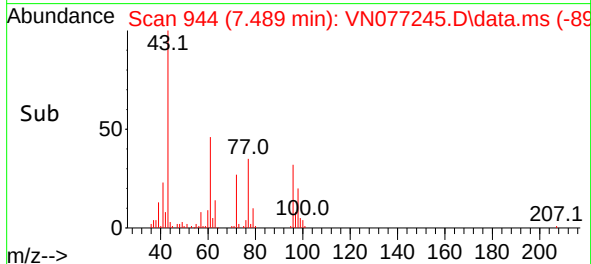
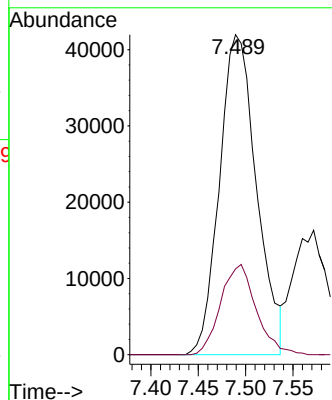
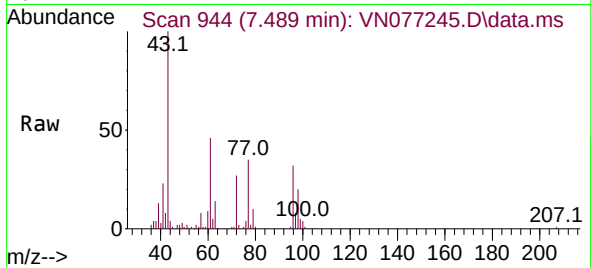
#25
2-Butanone
Concen: 25.476 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 114218
Ion Ratio Lower Upper
43 100
72 26.8 22.2 33.2

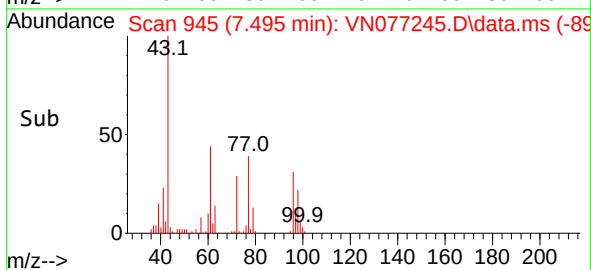
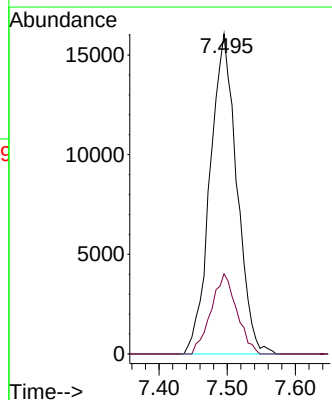
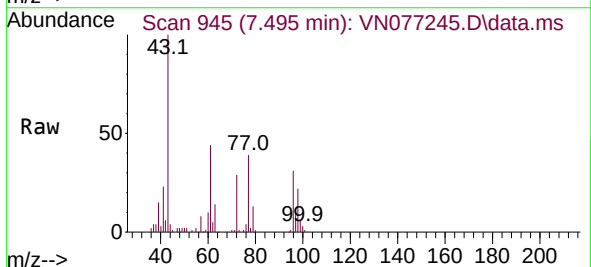
Manual Integrations
APPROVED

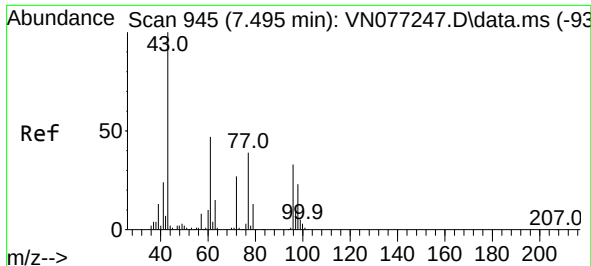
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
2,2-Dichloropropane
Concen: 4.970 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 77 Resp: 43853
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 4.968 ug/l

RT: 7.489 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN077245.D

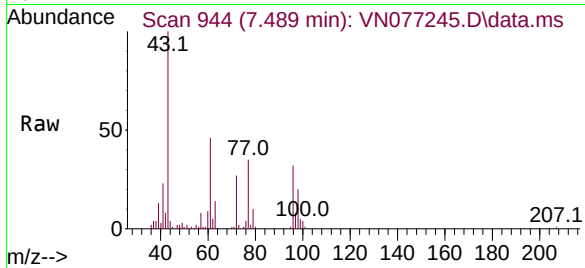
Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



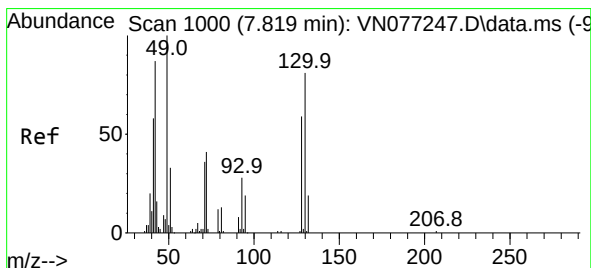
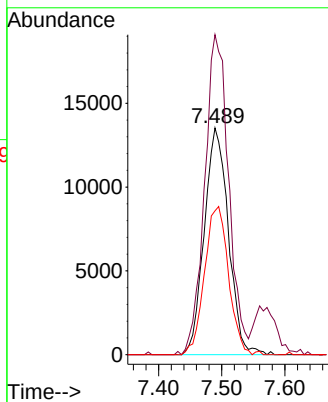
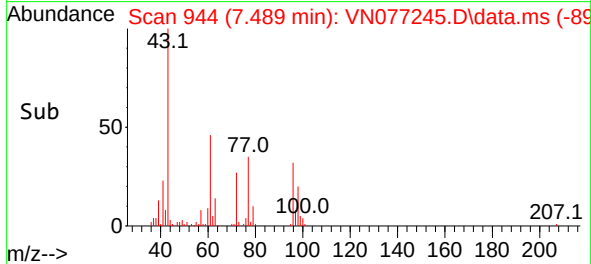
Tgt Ion:	96	Resp:	3598
Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	286.0
98	64.8	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#28

Bromochloromethane

Concen: 4.717 ug/l

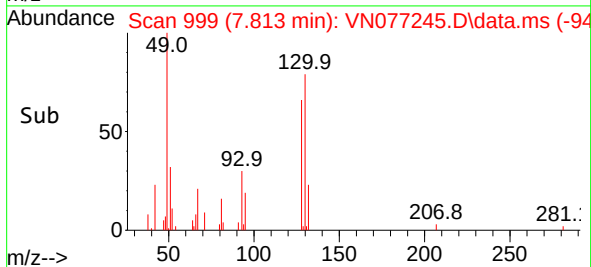
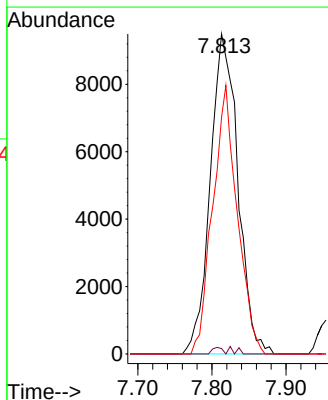
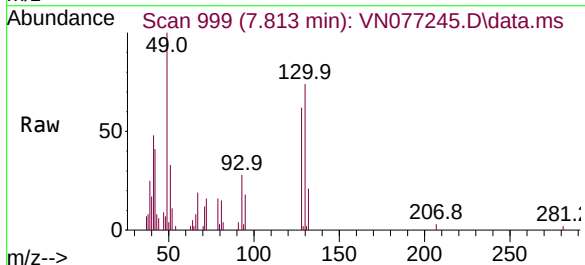
RT: 7.813 min Scan# 999

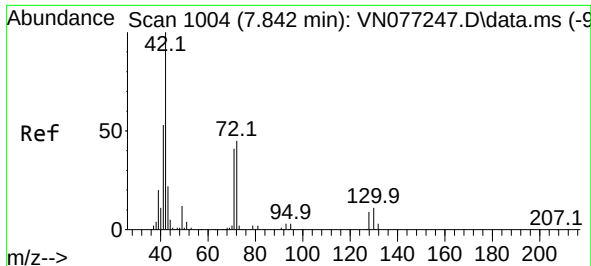
Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Tgt Ion:	49	Resp:	24550
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.0
130	74.7	63.9	95.9





#29

Tetrahydrofuran

Concen: 24.182 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077245.D

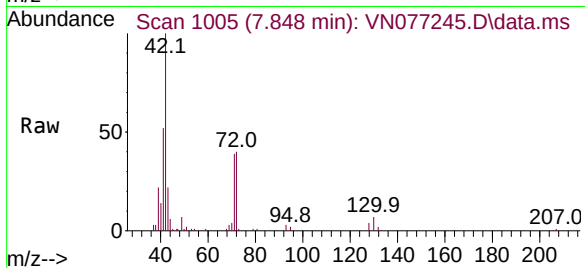
Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



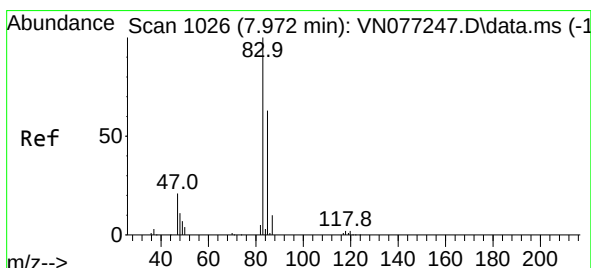
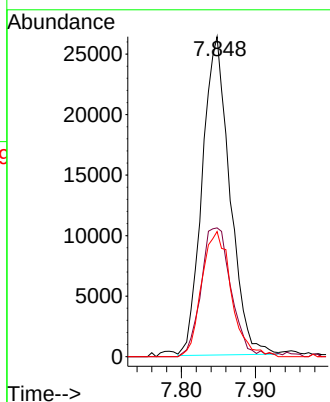
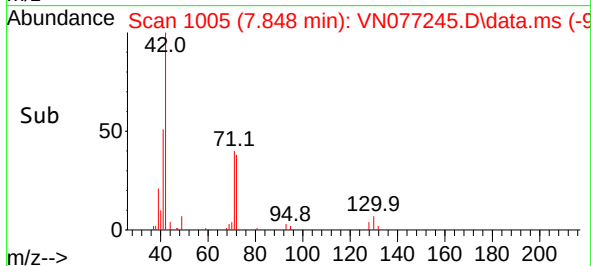
Tgt Ion:	42	Resp:	6816
Ion Ratio	Lower	Upper	
42	100		
72	44.1	35.6	53.4
71	42.1	33.2	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

Chloroform

Concen: 5.064 ug/l

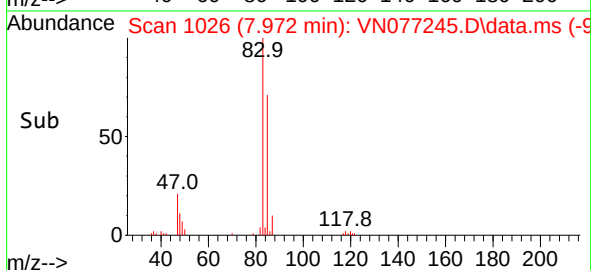
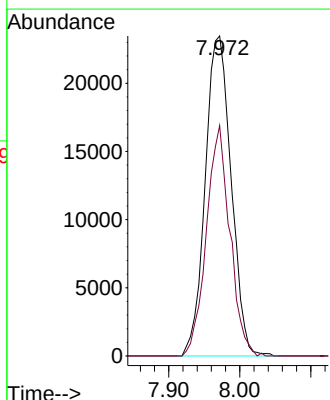
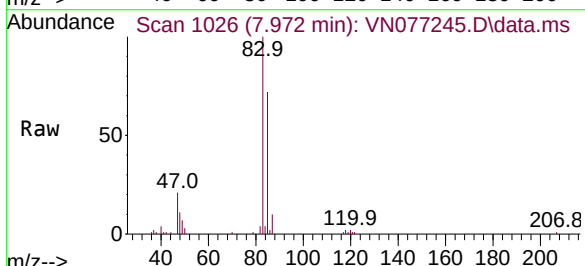
RT: 7.972 min Scan# 1026

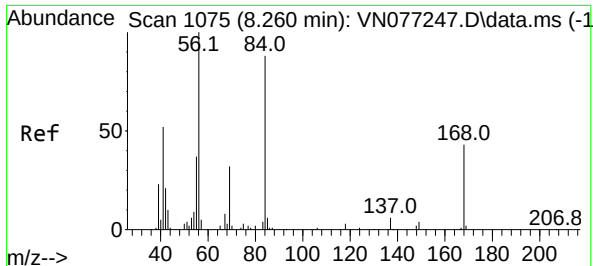
Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Tgt Ion:	83	Resp:	59498
Ion Ratio	Lower	Upper	
83	100		
85	72.0	51.4	77.0





#31

Cyclohexane

Concen: 5.653 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 63250

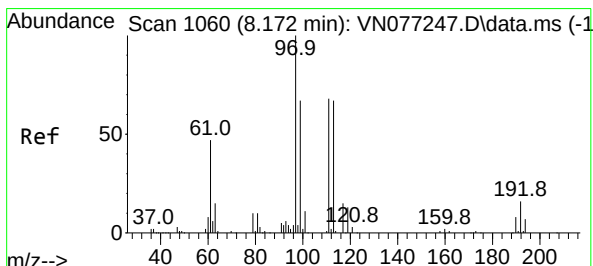
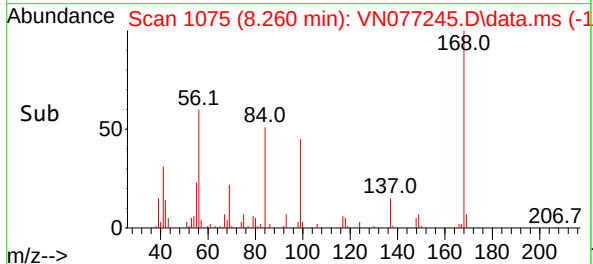
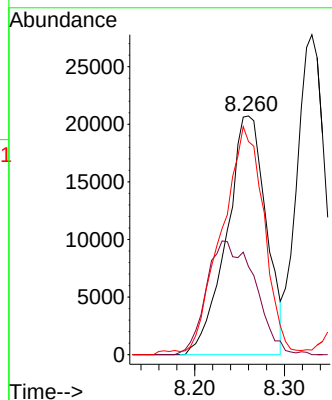
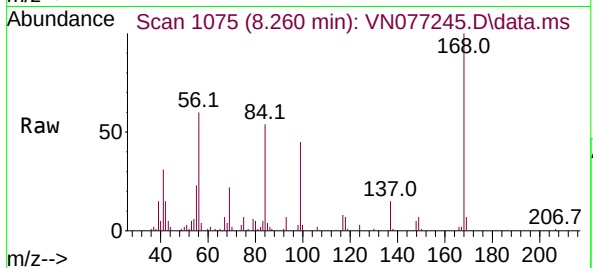
Ion	Ratio	Lower	Upper
56	100		
69	35.9	25.1	37.7
84	87.9	69.0	103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#32

1,1,1-Trichloroethane

Concen: 4.870 ug/l

RT: 8.172 min Scan# 1060

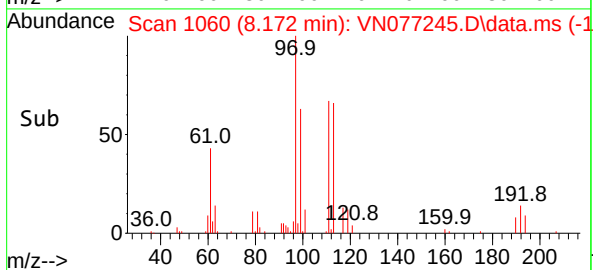
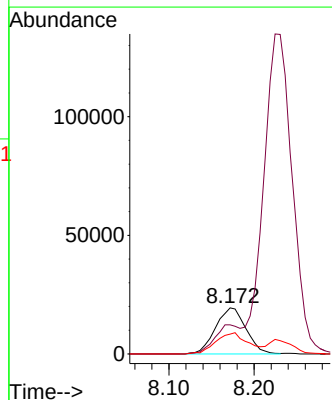
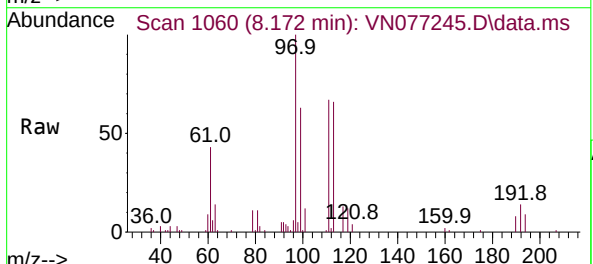
Delta R.T. 0.000 min

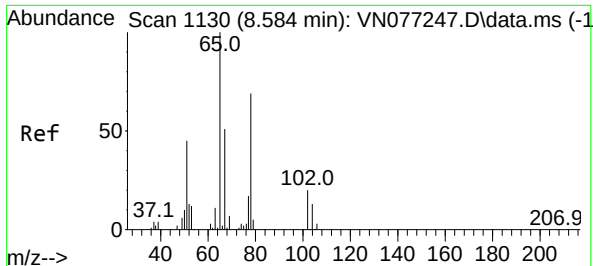
Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Tgt Ion: 97 Resp: 48261

Ion	Ratio	Lower	Upper
97	100		
99	52.4	51.8	77.8
61	48.1	37.1	55.7





#33

1,2-Dichloroethane-d4

Concen: 5.889 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 37350

Ion Ratio Lower Upper

65 100

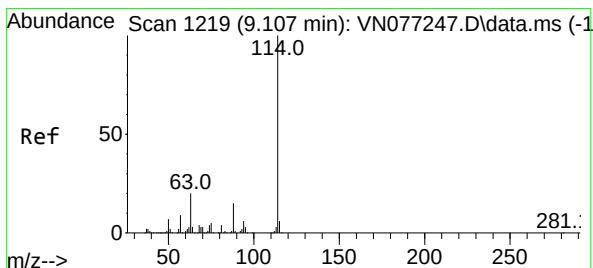
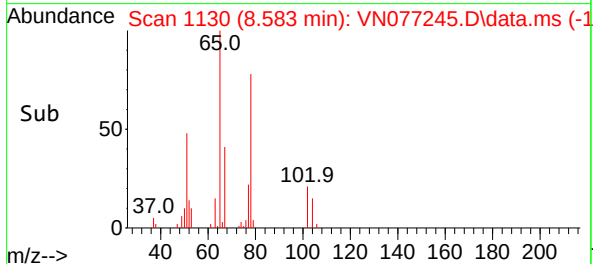
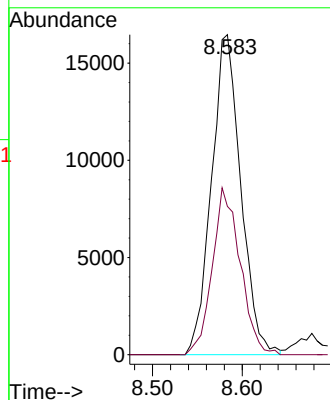
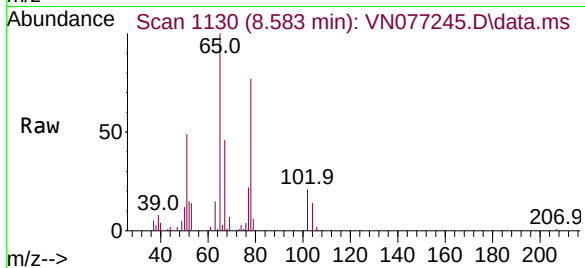
67 49.6 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

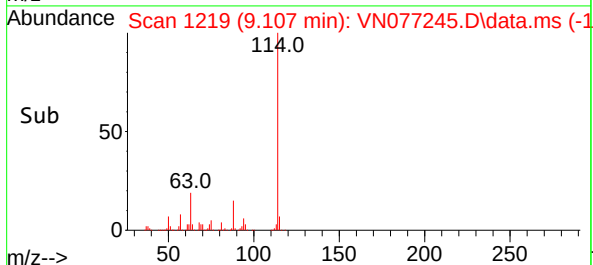
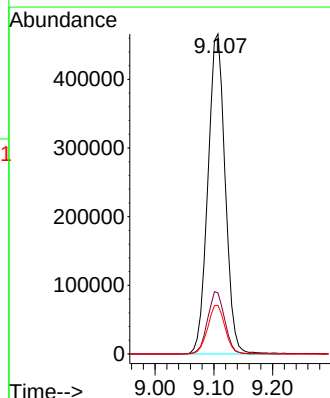
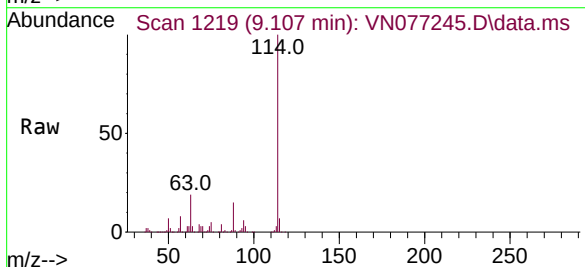
Tgt Ion:114 Resp: 950320

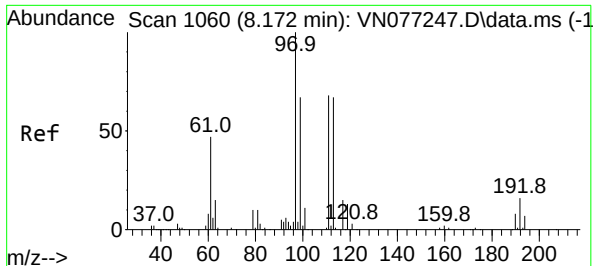
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 5.698 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

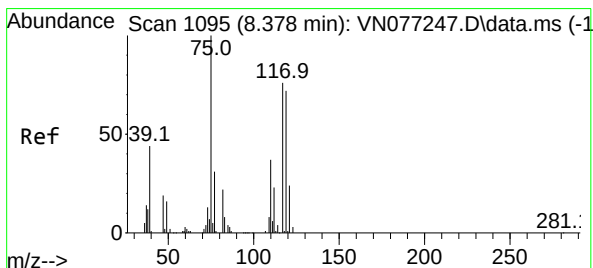
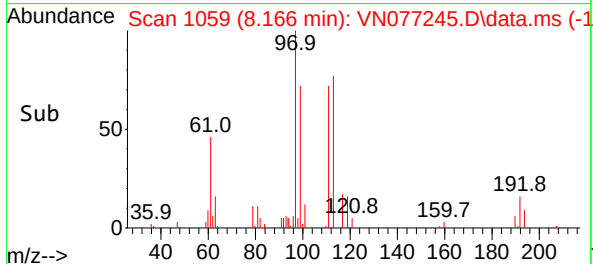
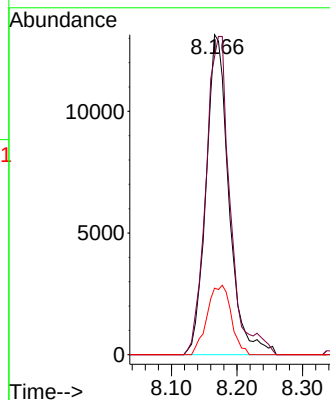
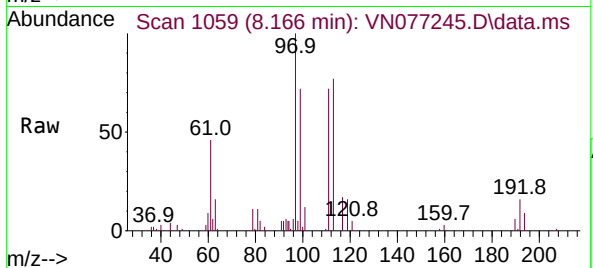
Tgt Ion:	113	Resp:	31850
Ion Ratio	Lower	Upper	
113	100		
111	105.5	82.2	123.2
192	22.7	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#36

1,1-Dichloropropene

Concen: 4.987 ug/l

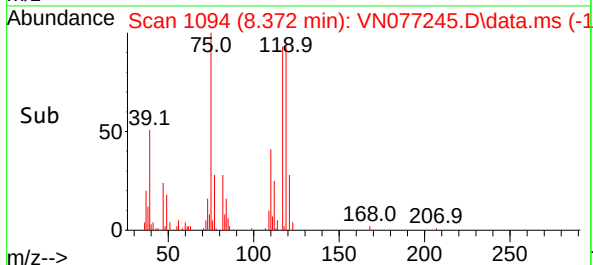
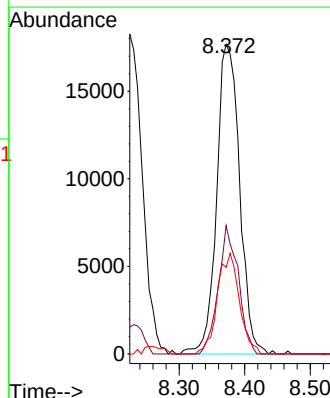
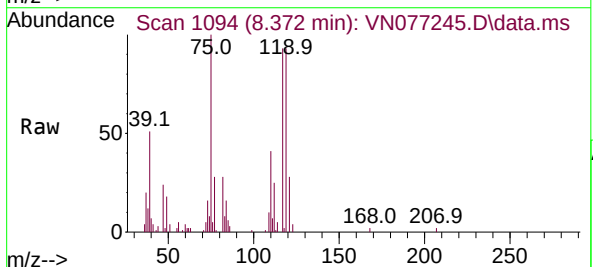
RT: 8.372 min Scan# 1094

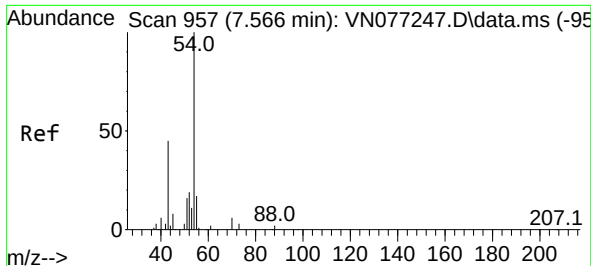
Delta R.T. -0.006 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Tgt Ion:	75	Resp:	42930
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.6	52.9
77	31.2	24.4	36.6





#37

Ethyl Acetate

Concen: 4.827 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 41694

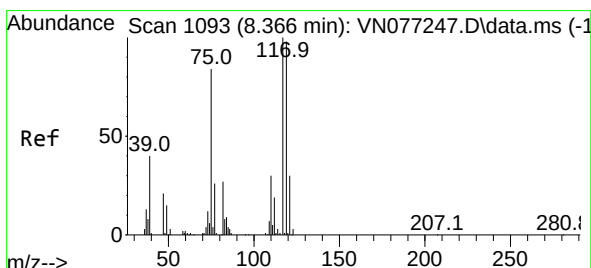
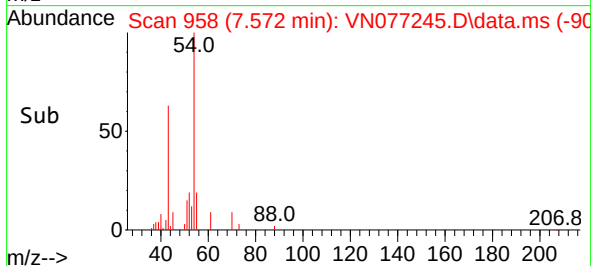
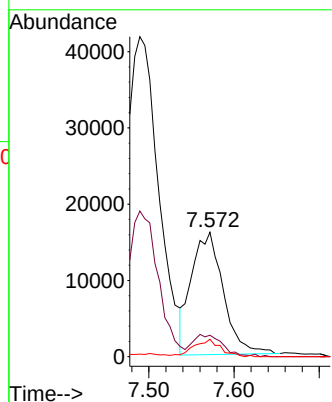
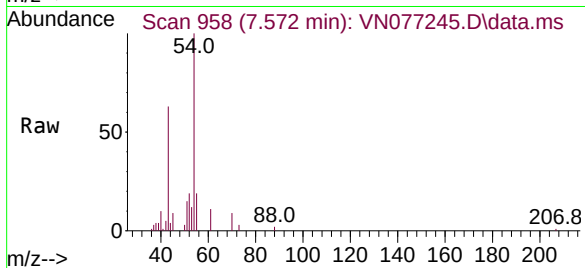
Ion	Ratio	Lower	Upper
43	100		
61	17.0	10.9	16.3
70	12.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#38

Carbon Tetrachloride

Concen: 4.916 ug/l

RT: 8.366 min Scan# 1093

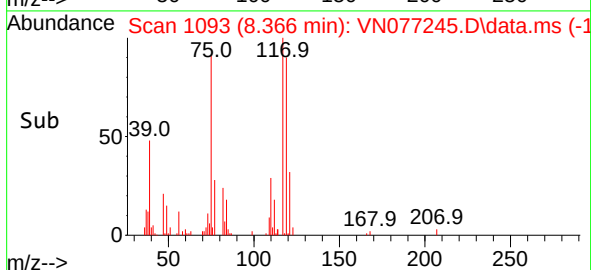
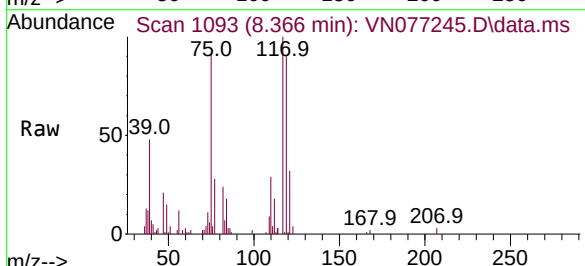
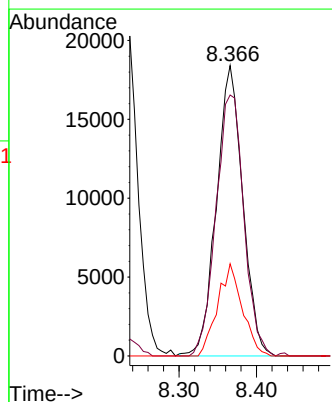
Delta R.T. 0.000 min

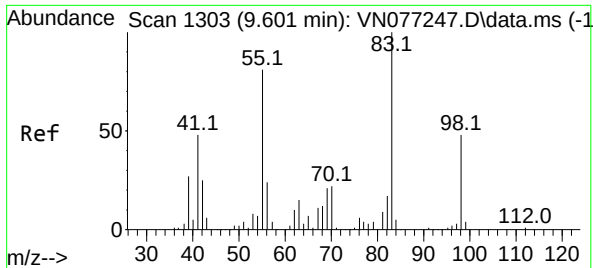
Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Tgt Ion:117 Resp: 43401

Ion	Ratio	Lower	Upper
117	100		
119	89.9	76.5	114.7
121	31.7	23.8	35.8





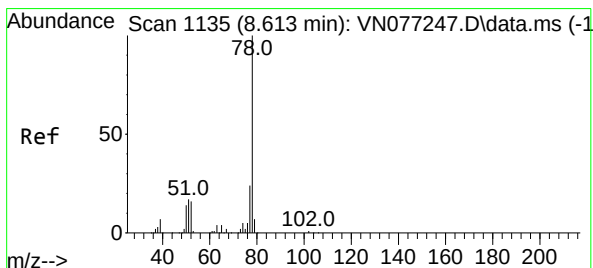
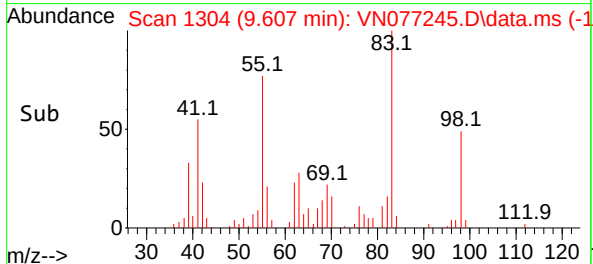
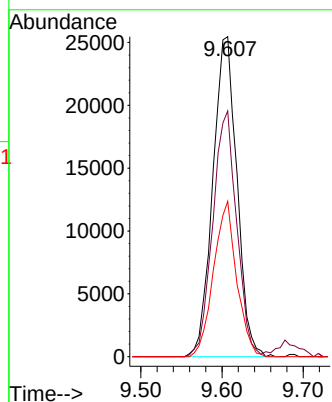
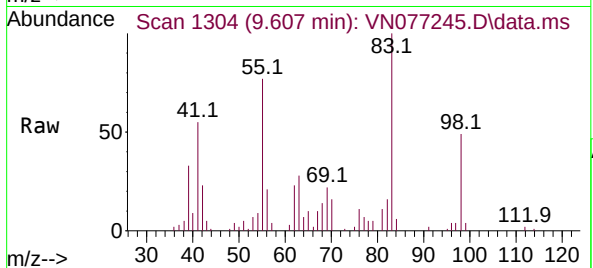
#39
Methylcyclohexane
Concen: 4.977 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 5255
Ion Ratio Lower Upper
83 100
55 76.8 59.7 89.5
98 48.5 37.2 55.8

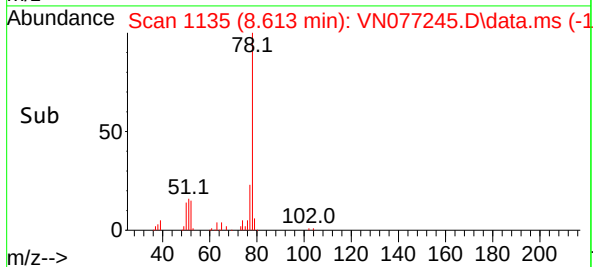
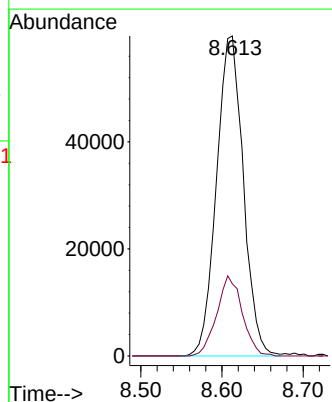
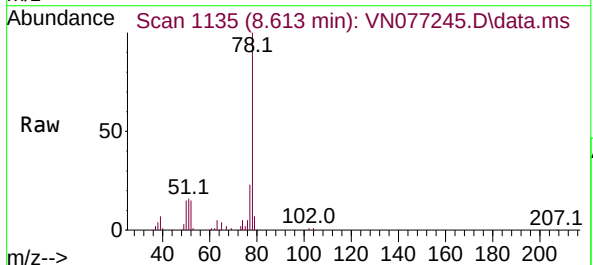
Manual Integrations
APPROVED

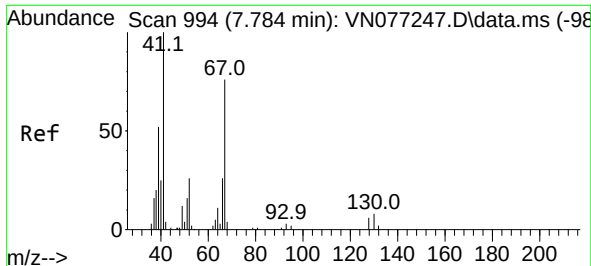
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#40
Benzene
Concen: 5.074 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

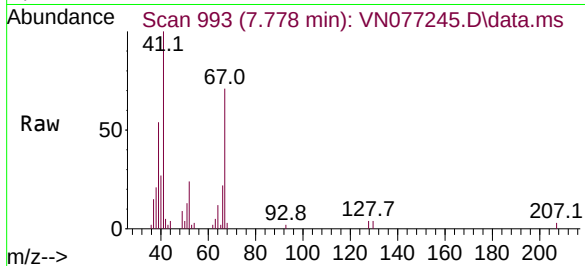
Tgt Ion: 78 Resp: 137150
Ion Ratio Lower Upper
78 100
77 22.6 18.7 28.1





#41
Methacrylonitrile
Concen: 4.661 ug/l m
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

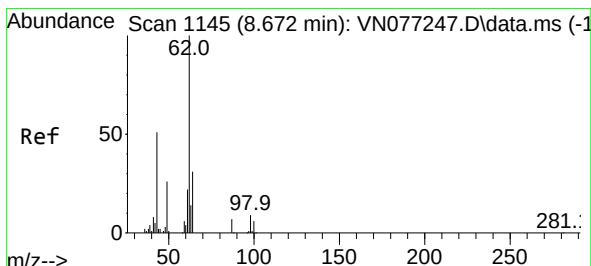
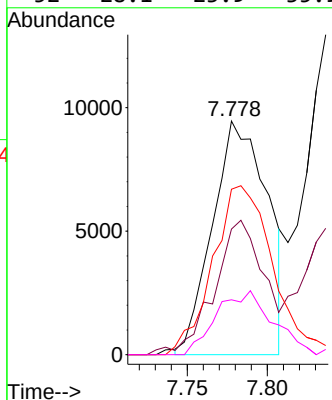
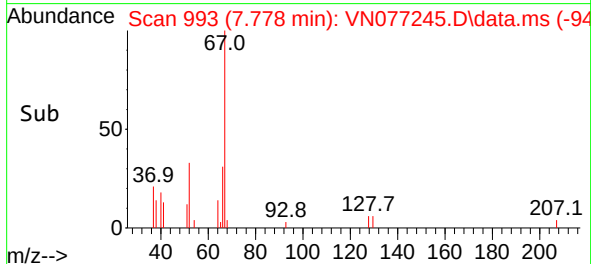
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



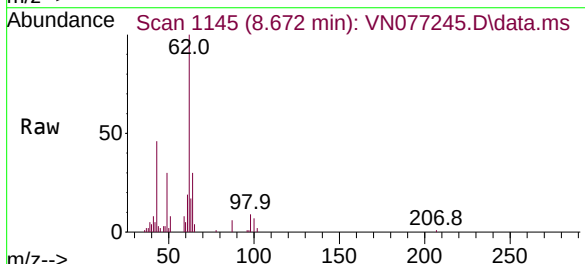
Tgt Ion: 41 Resp: 22540
Ion Ratio Lower Upper
41 100
39 52.1 44.0 66.0
67 79.0 60.7 91.1
52 28.1 23.9 35.9

Manual Integrations
APPROVED

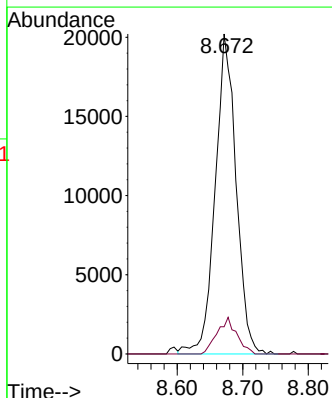
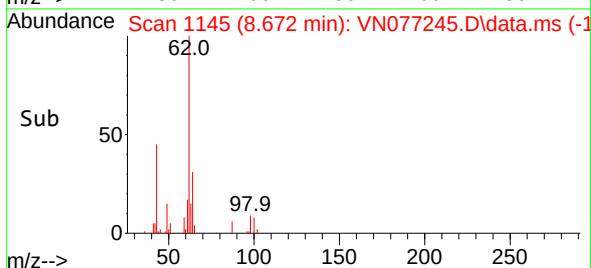
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

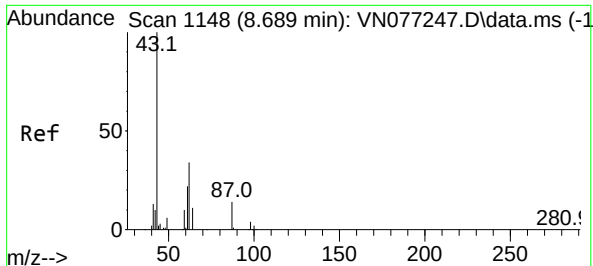


#42
1,2-Dichloroethane
Concen: 5.053 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



Tgt Ion: 62 Resp: 44692
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8





#43

Isopropyl Acetate

Concen: 4.745 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

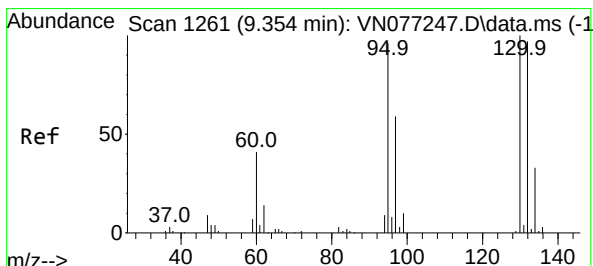
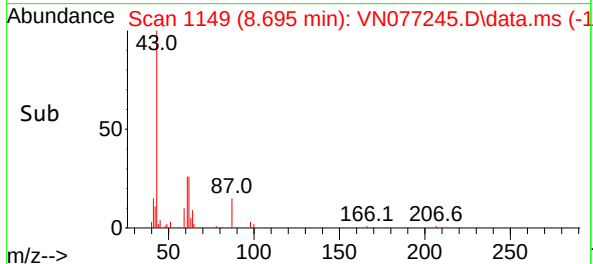
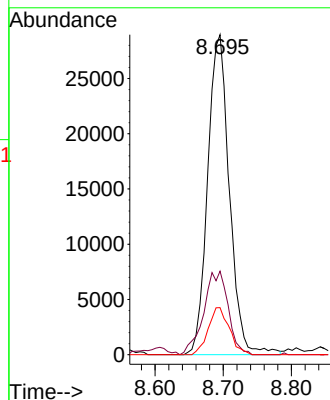
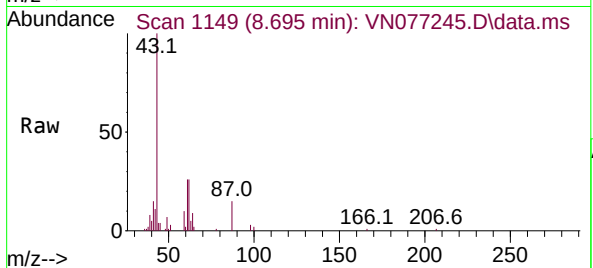
Tgt Ion: 43	Resp: 6429
Ion Ratio	Lower Upper
43	100
61	29.3 22.2 33.2
87	14.3 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#44

Trichloroethene

Concen: 5.003 ug/l

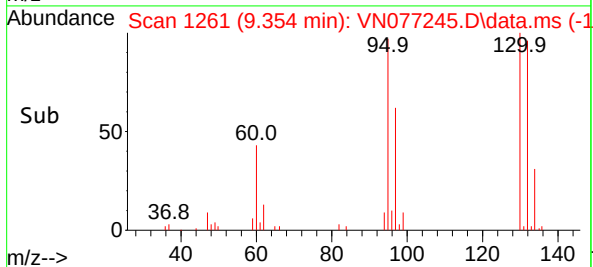
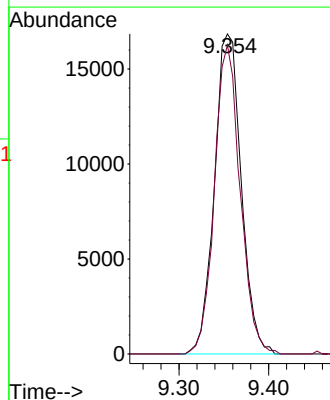
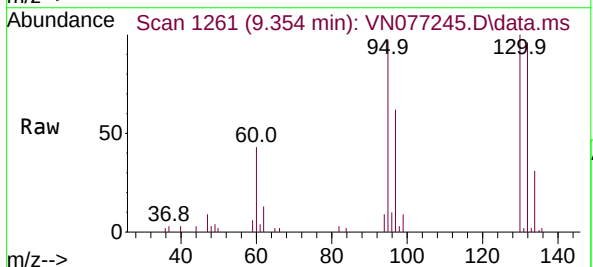
RT: 9.354 min Scan# 1261

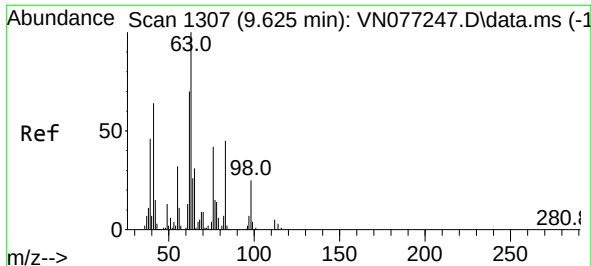
Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Tgt Ion:130	Resp: 34990
Ion Ratio	Lower Upper
130	100
95	96.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 4.967 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3571

Ion Ratio Lower Upper

63 100

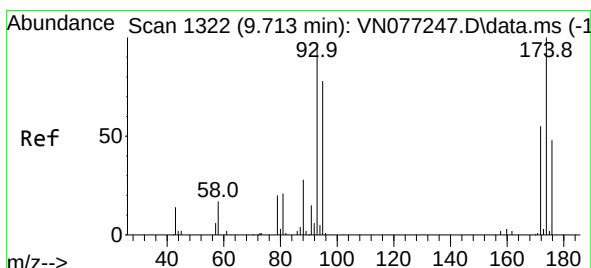
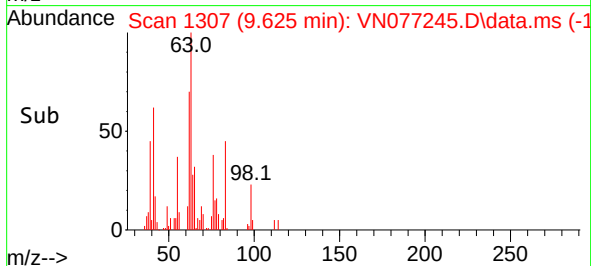
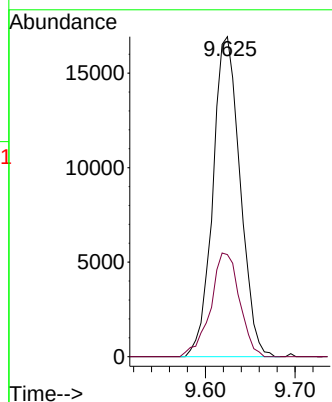
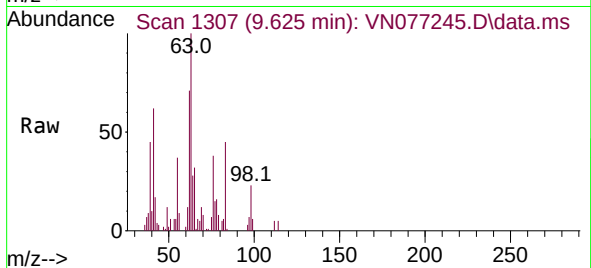
65 31.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#46

Dibromomethane

Concen: 4.918 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

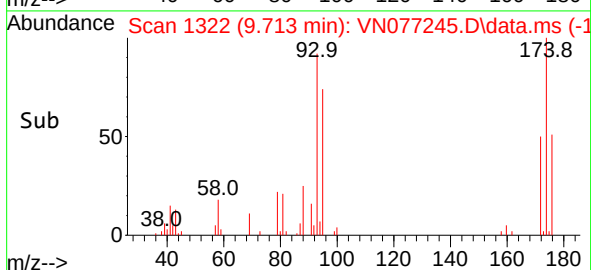
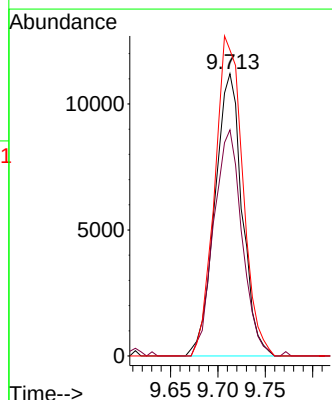
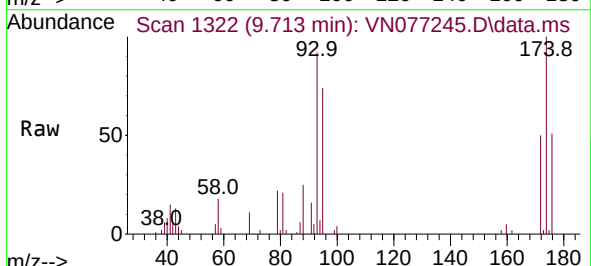
Tgt Ion: 93 Resp: 22482

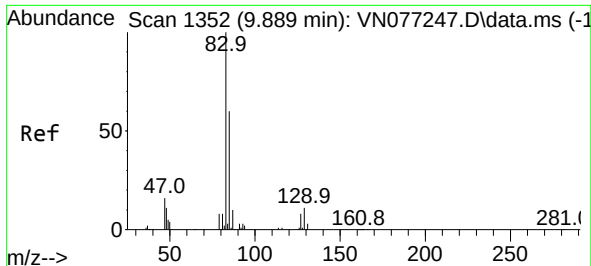
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

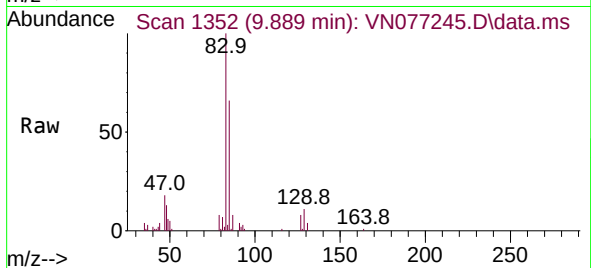
174 116.3 91.0 136.4





#47
Bromodichloromethane
Concen: 4.894 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

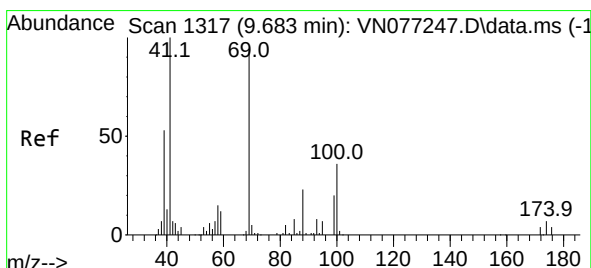
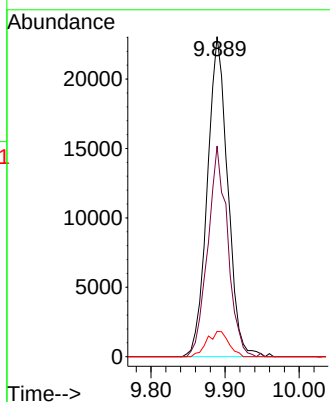
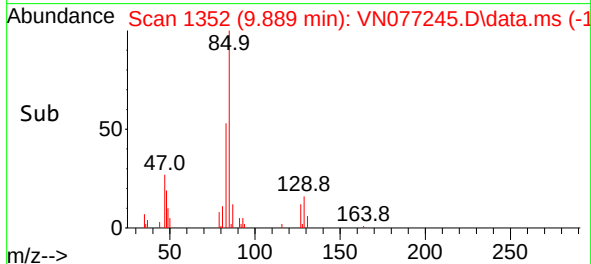
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 4405
Ion Ratio Lower Upper
83 100
85 65.8 51.3 76.9
127 7.9 6.6 10.0

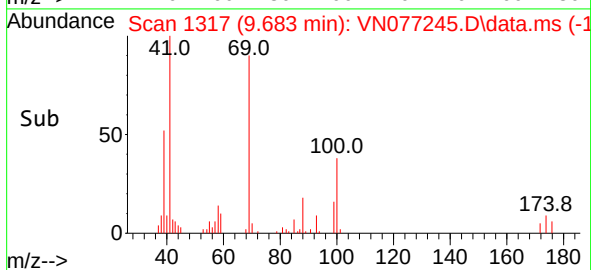
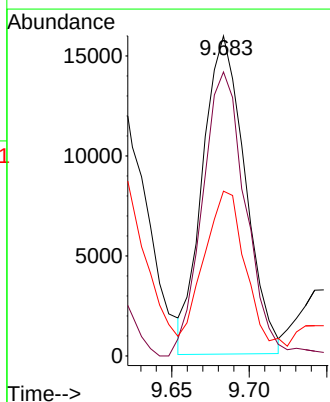
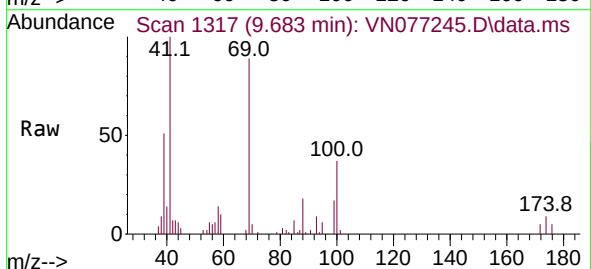
Manual Integrations
APPROVED

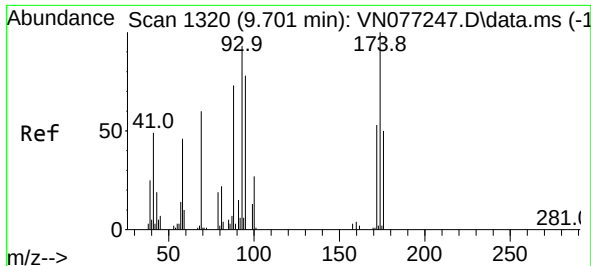
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#48
Methyl methacrylate
Concen: 4.635 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 41 Resp: 30292
Ion Ratio Lower Upper
41 100
69 91.5 70.7 106.1
39 53.4 40.6 61.0





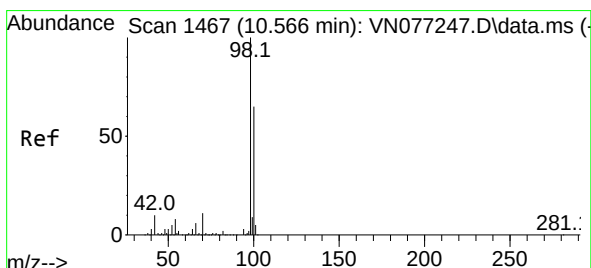
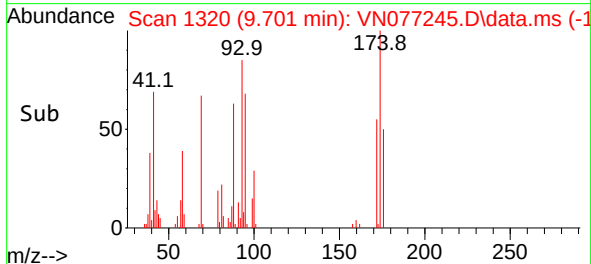
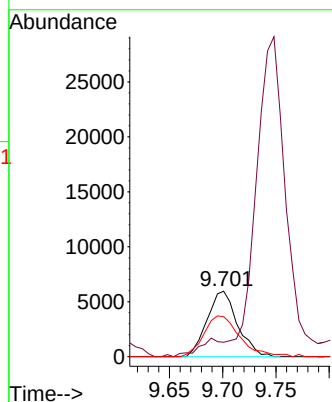
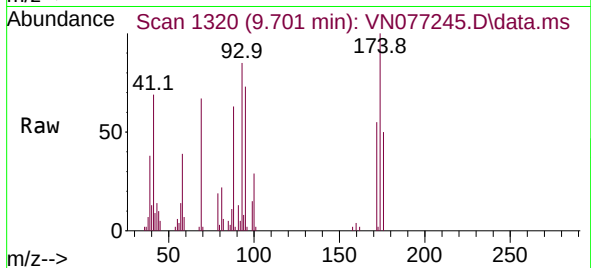
#49
1,4-Dioxane
Concen: 95.061 ug/l
RT: 9.701 min Scan# 11819
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 11819
Ion Ratio Lower Upper
88 100
43 22.6 21.2 31.8
58 74.3 56.5 84.7

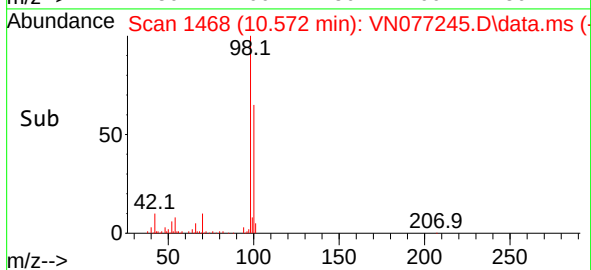
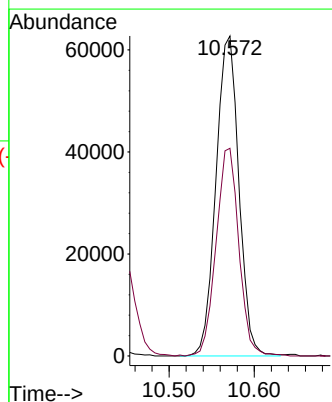
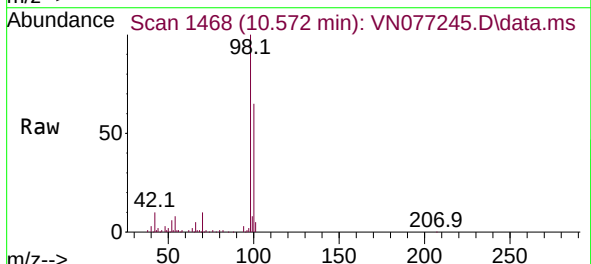
Manual Integrations
APPROVED

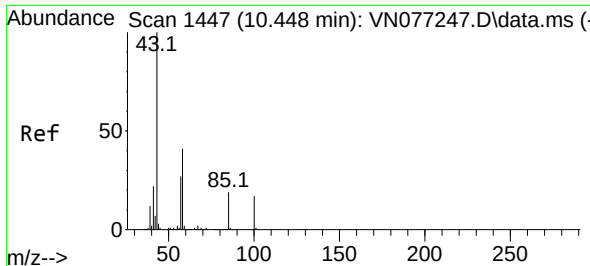
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#50
Toluene-d8
Concen: 5.534 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 98 Resp: 117365
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





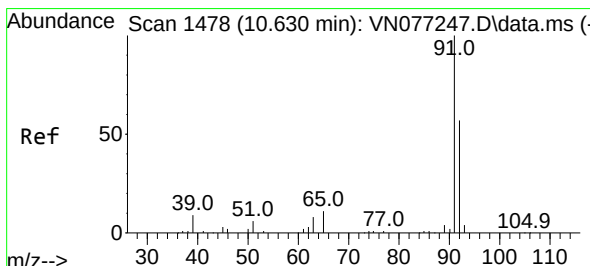
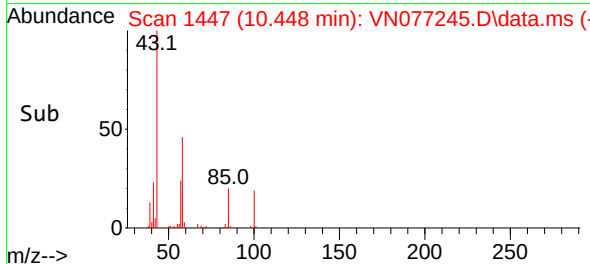
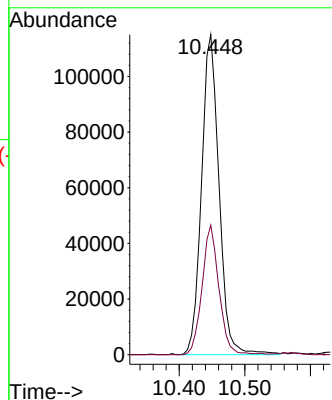
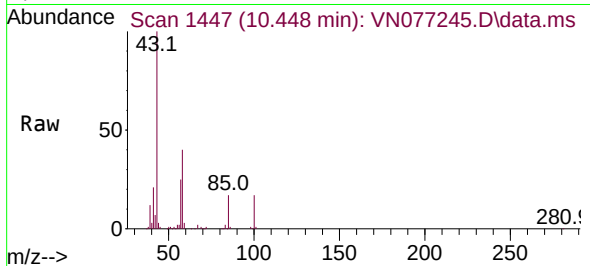
#51
4-Methyl-2-Pentanone
Concen: 24.966 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 21419
Ion Ratio Lower Upper
43 100
58 39.0 33.3 49.9

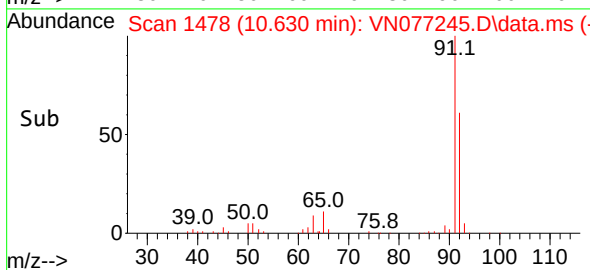
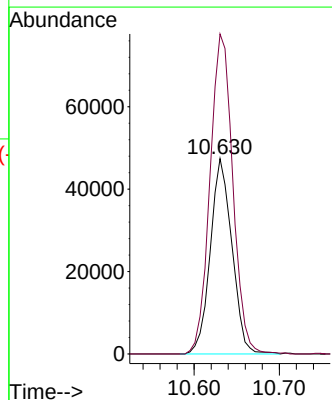
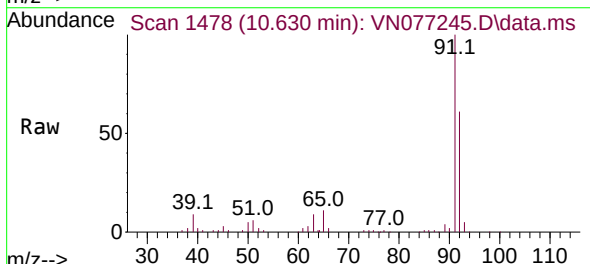
Manual Integrations
APPROVED

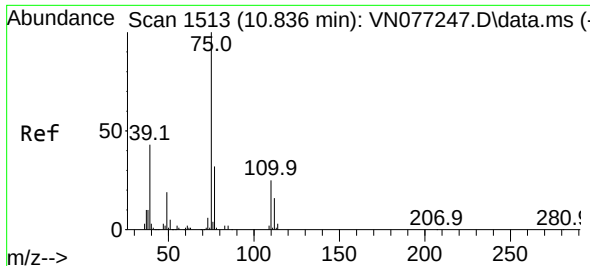
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
Toluene
Concen: 5.127 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

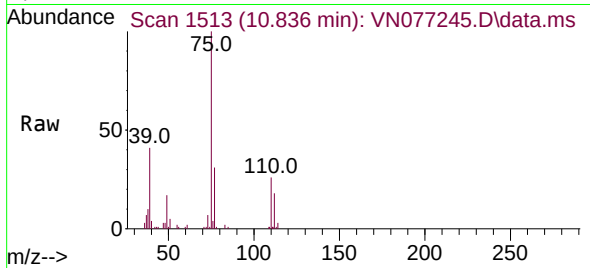
Tgt Ion: 92 Resp: 83825
Ion Ratio Lower Upper
92 100
91 172.9 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 4.730 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

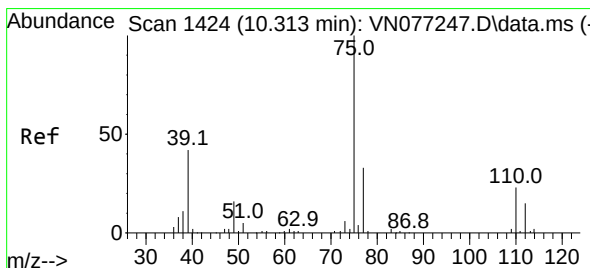
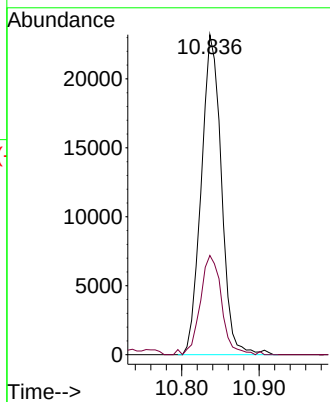
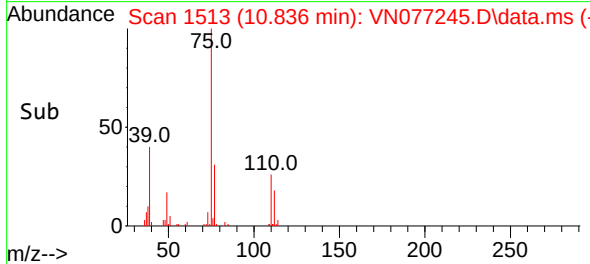
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 4199
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8

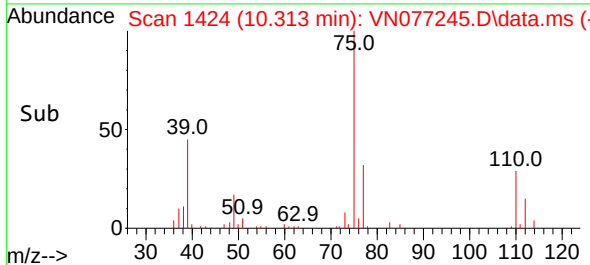
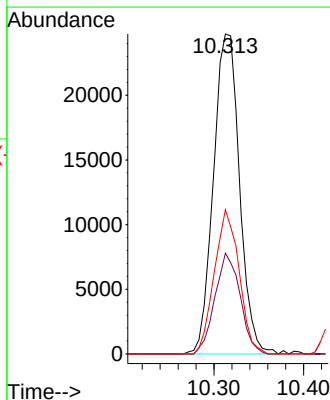
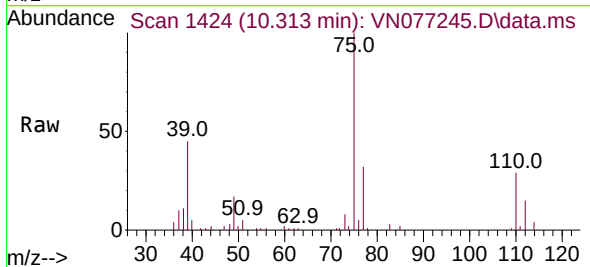
Manual Integrations
APPROVED

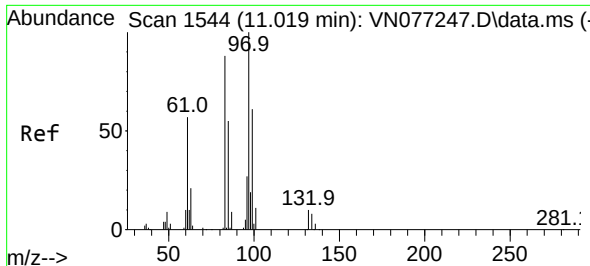
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#54
cis-1,3-Dichloropropene
Concen: 4.837 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion: 75 Resp: 49886
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 45.1 33.3 49.9





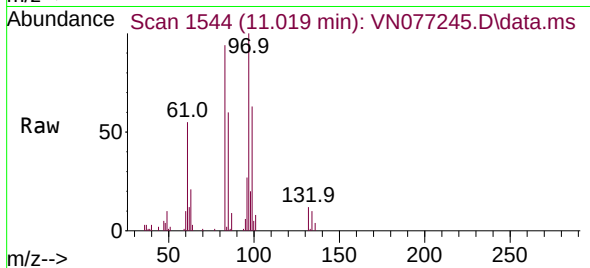
#55
1,1,2-Trichloroethane
Concen: 4.912 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



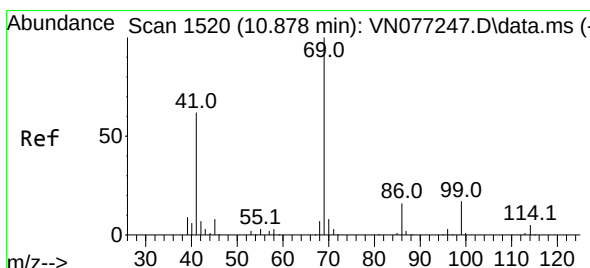
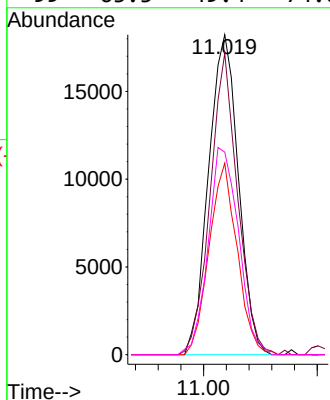
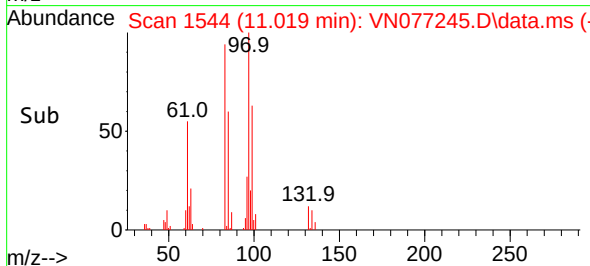
Tgt Ion:	97	Resp:	3321
Ion	Ratio	Lower	Upper
97	100		
83	94.2	68.4	102.6
85	59.8	43.2	64.8
99	63.3	49.4	74.0

Manual Integrations

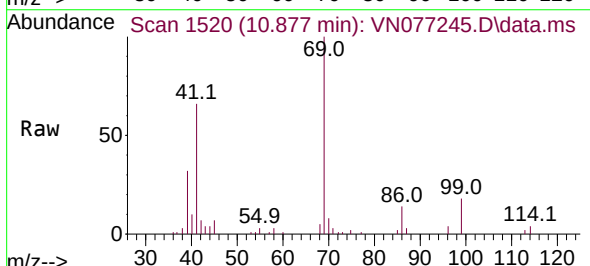
APPROVED

Reviewed By :John Carlone 04/03/2023

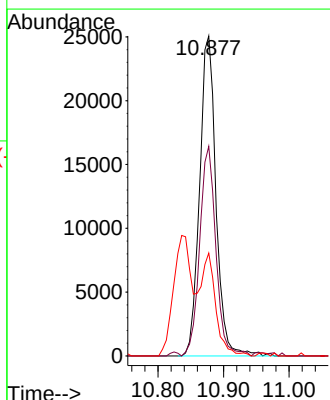
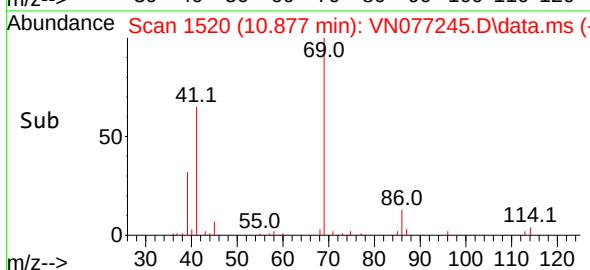
Supervised By :Mahesh Dadoda 04/03/2023

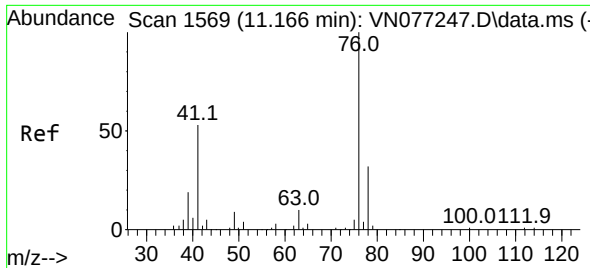


#56
Ethyl methacrylate
Concen: 4.669 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



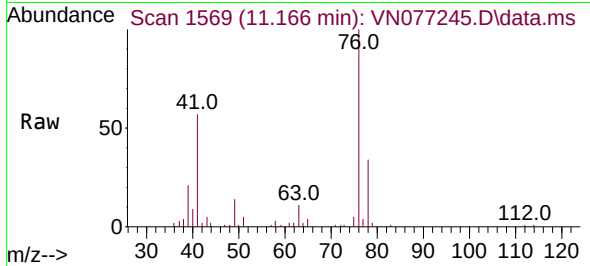
Tgt Ion:	69	Resp:	43713
Ion	Ratio	Lower	Upper
69	100		
41	64.9	49.9	74.9
39	28.1	21.9	32.9





#57
1,3-Dichloropropane
Concen: 5.037 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

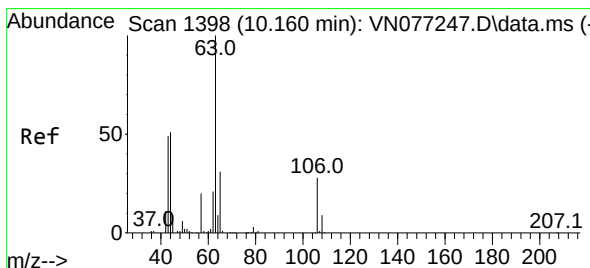
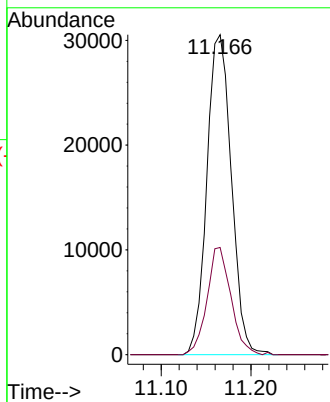
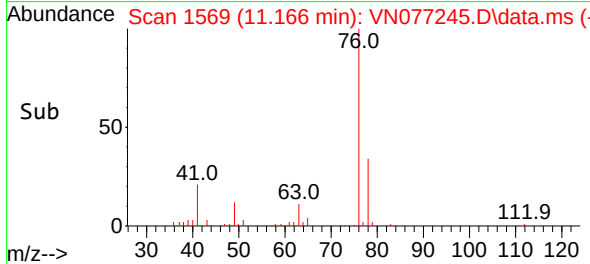
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



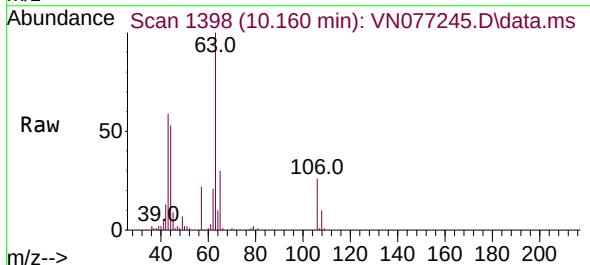
Tgt Ion: 76 Resp: 5786
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

Manual Integrations
APPROVED

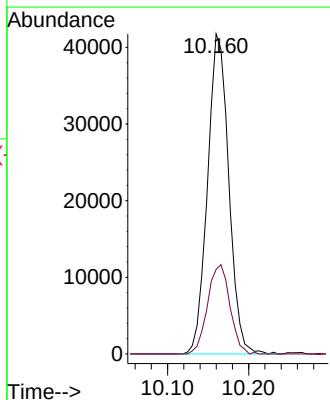
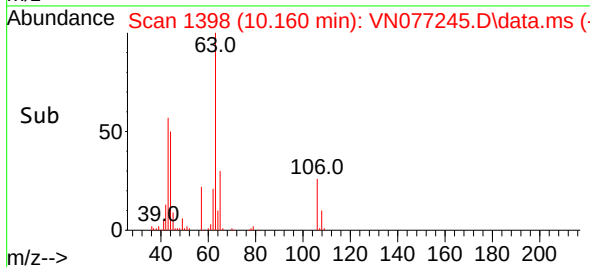
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

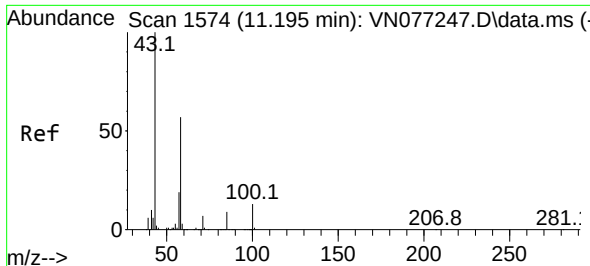


#58
2-Chloroethyl Vinyl ether
Concen: 23.446 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



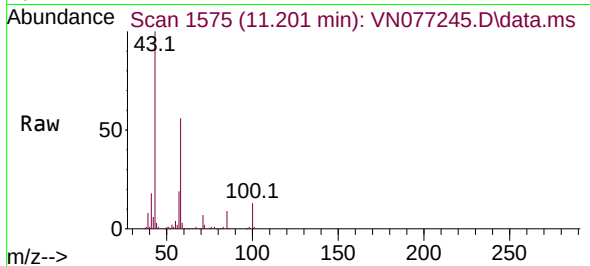
Tgt Ion: 63 Resp: 75875
Ion Ratio Lower Upper
63 100
106 29.3 22.6 33.8





#59
2-Hexanone
Concen: 24.525 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

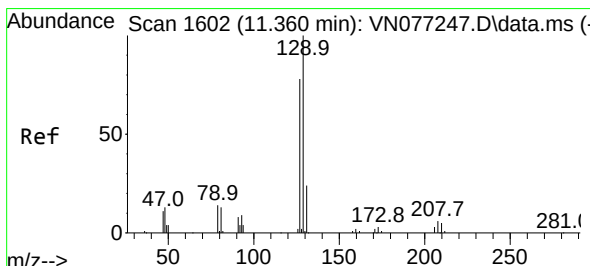
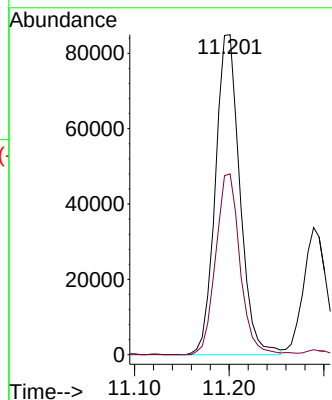
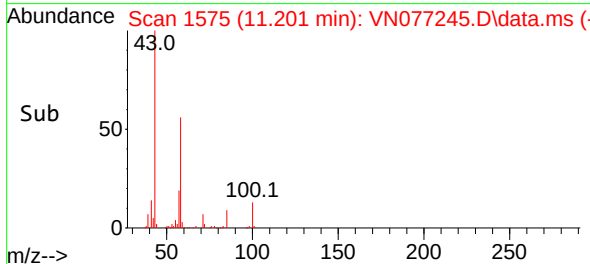
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



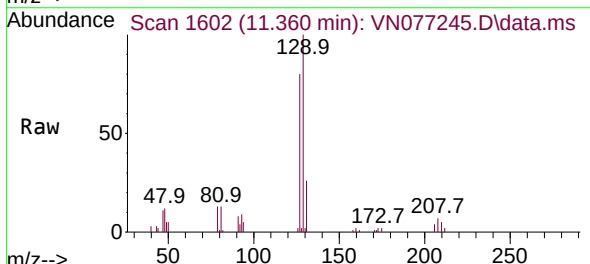
Tgt Ion: 43 Resp: 152698
Ion Ratio Lower Upper
43 100
58 56.2 29.3 88.0

Manual Integrations
APPROVED

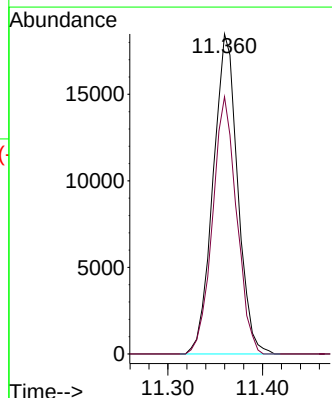
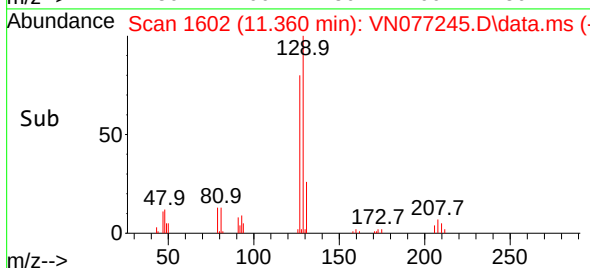
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

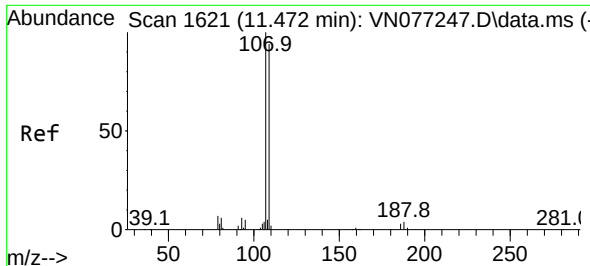


#60
Dibromochloromethane
Concen: 4.739 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



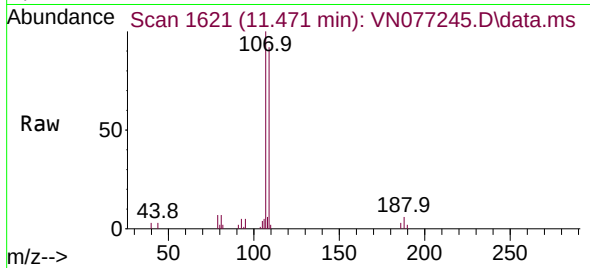
Tgt Ion:129 Resp: 33296
Ion Ratio Lower Upper
129 100
127 78.9 38.1 114.3





#61
1,2-Dibromoethane
Concen: 5.041 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

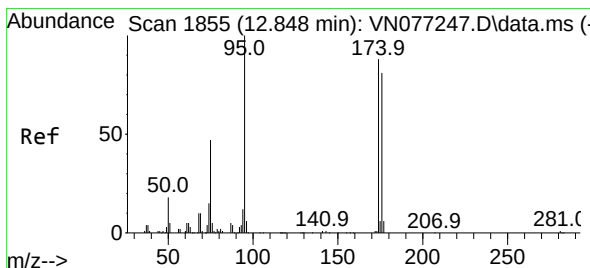
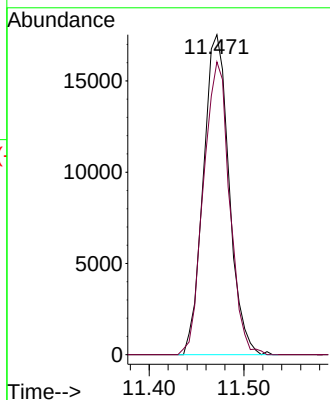
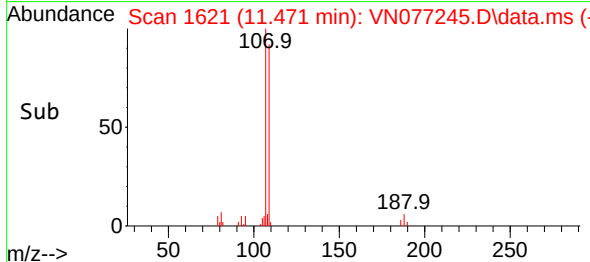
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 33090
Ion Ratio Lower Upper
107 100
109 92.4 75.7 113.5

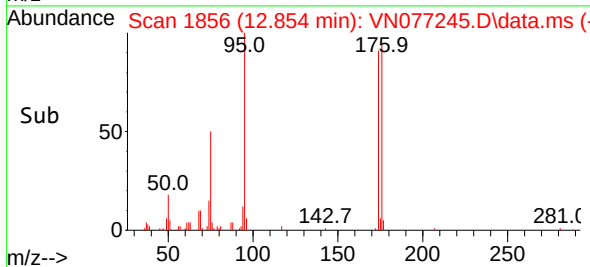
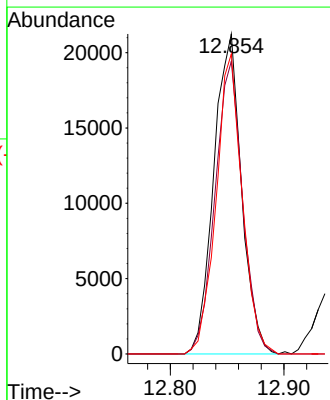
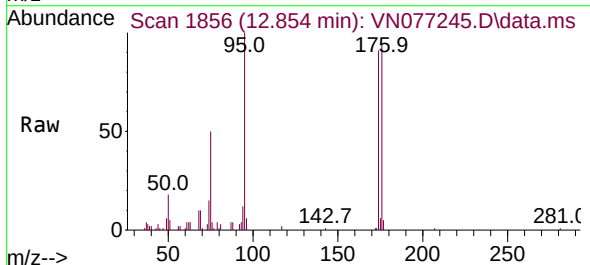
Manual Integrations
APPROVED

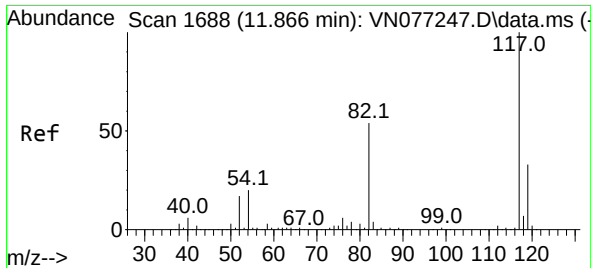
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#62
4-Bromofluorobenzene
Concen: 5.125 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

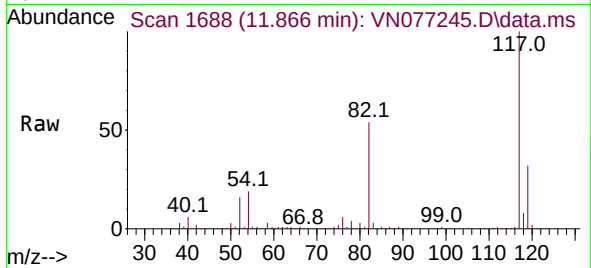
Tgt Ion: 95 Resp: 35978
Ion Ratio Lower Upper
95 100
174 90.6 0.0 179.2
176 88.5 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

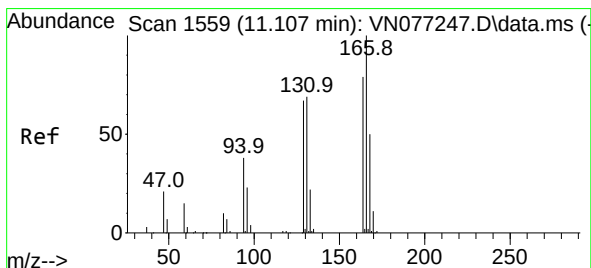
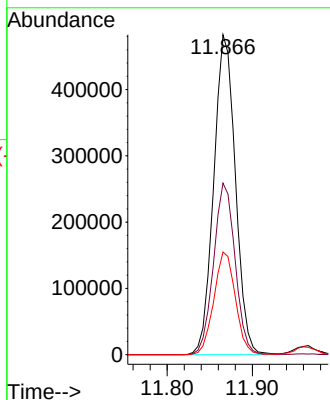
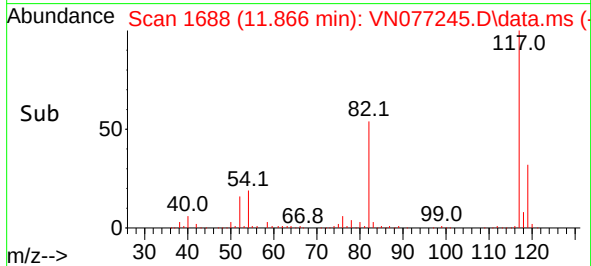
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 854589
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 32.1 25.3 37.9

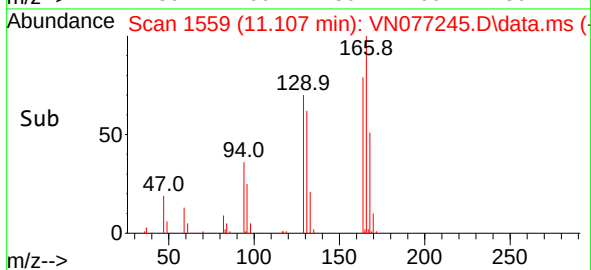
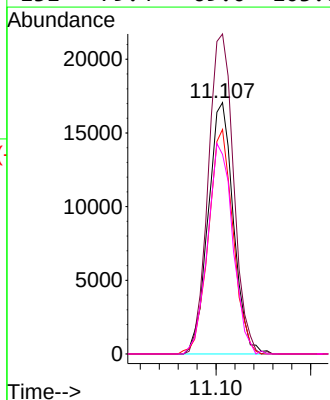
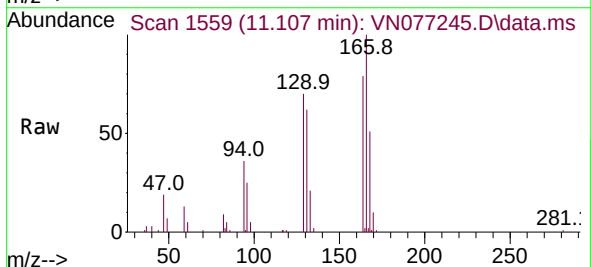
Manual Integrations
APPROVED

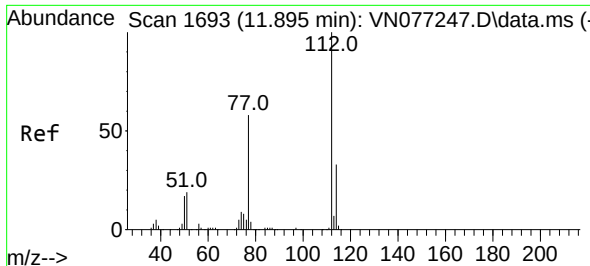
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#64
Tetrachloroethene
Concen: 5.052 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion:164 Resp: 31614
Ion Ratio Lower Upper
164 100
166 127.3 106.0 159.0
129 89.4 72.4 108.6
131 79.4 69.0 103.6





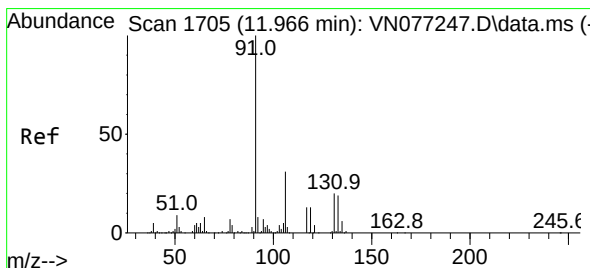
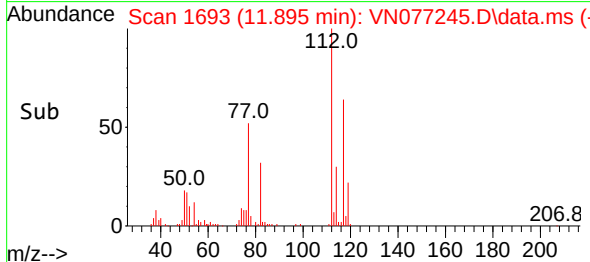
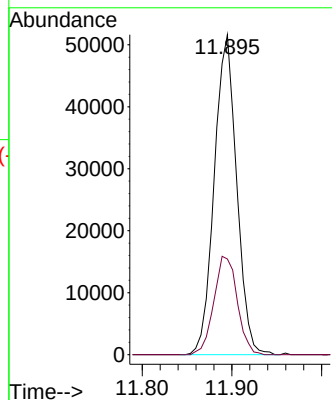
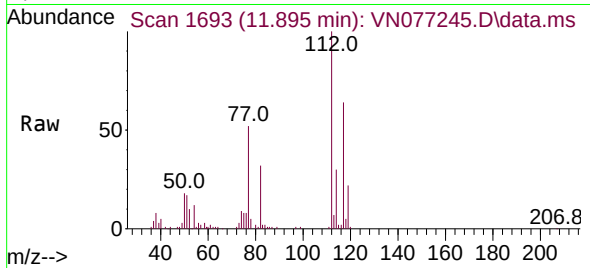
#65
Chlorobenzene
Concen: 4.958 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 89452
Ion Ratio Lower Upper
112 100
114 29.9 25.9 38.9

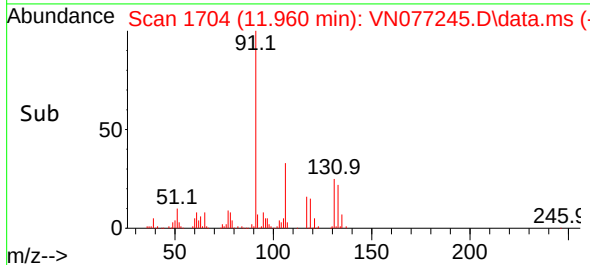
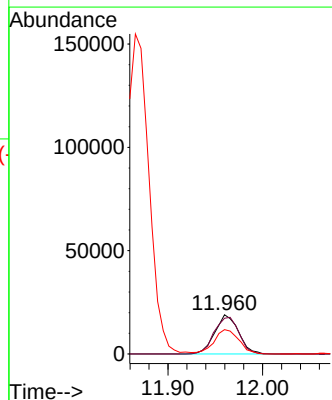
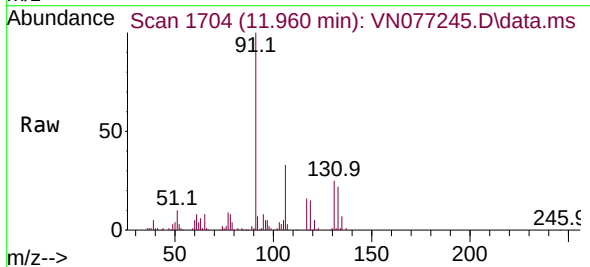
Manual Integrations
APPROVED

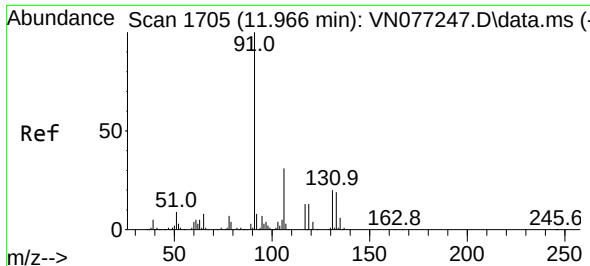
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.785 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

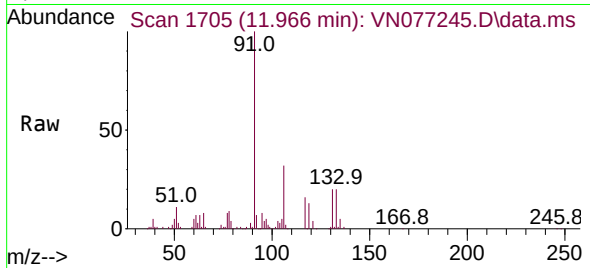
Tgt Ion:131 Resp: 33087
Ion Ratio Lower Upper
131 100
133 97.8 46.5 139.5
119 65.1 32.0 96.2





#67
Ethyl Benzene
Concen: 4.822 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

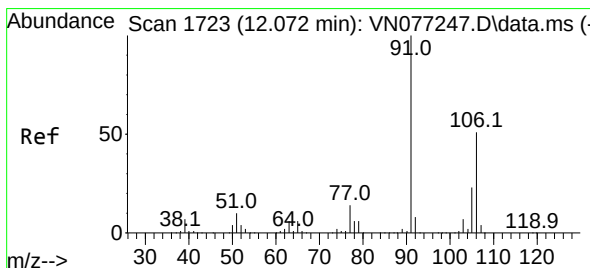
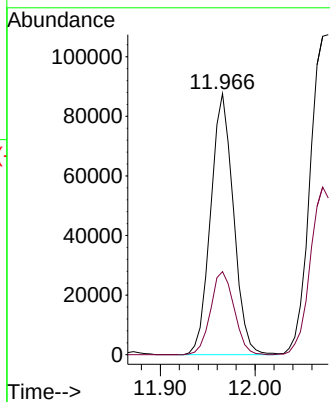
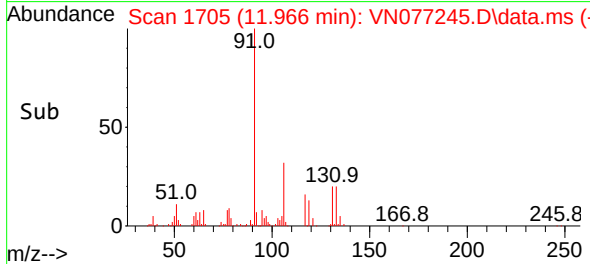
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



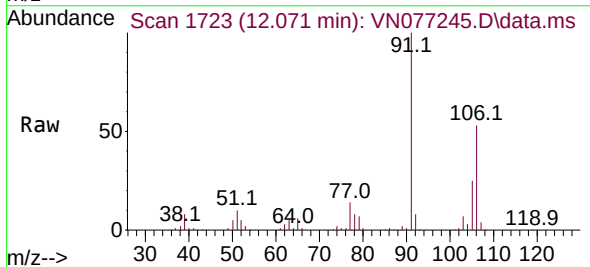
Tgt Ion: 91 Resp: 146673
Ion Ratio Lower Upper
91 100
106 31.8 24.3 36.5

Manual Integrations
APPROVED

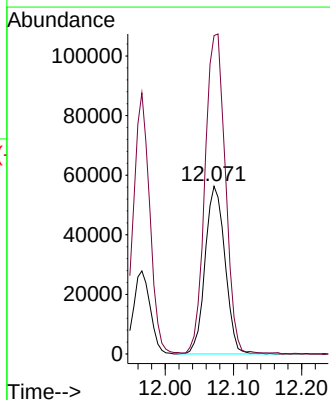
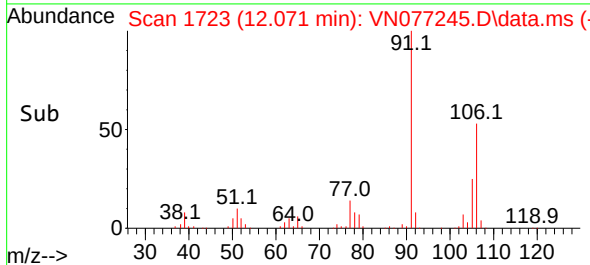
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

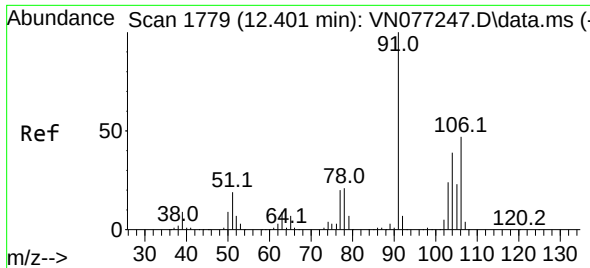


#68
m/p-Xylenes
Concen: 9.643 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



Tgt Ion:106 Resp: 114089
Ion Ratio Lower Upper
106 100
91 194.5 158.6 238.0





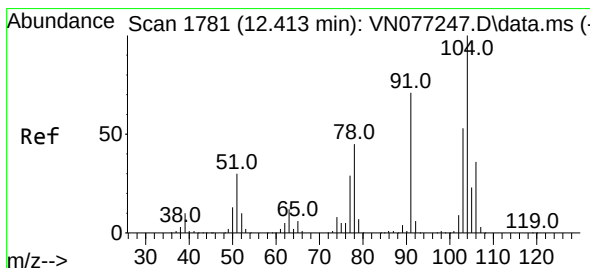
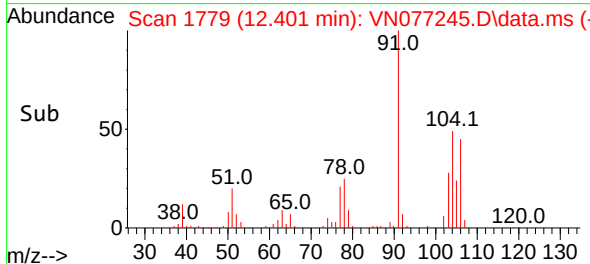
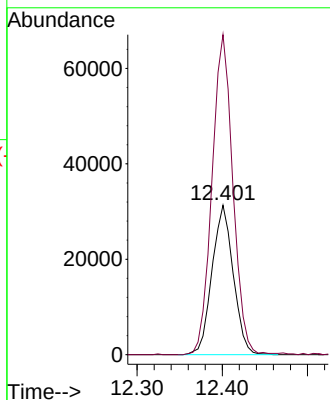
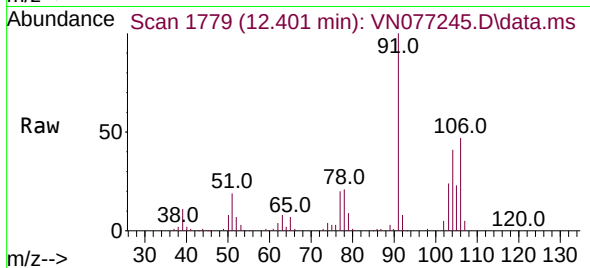
#69
o-Xylene
Concen: 4.754 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 54238
Ion Ratio Lower Upper
106 100
91 211.0 104.7 314.1

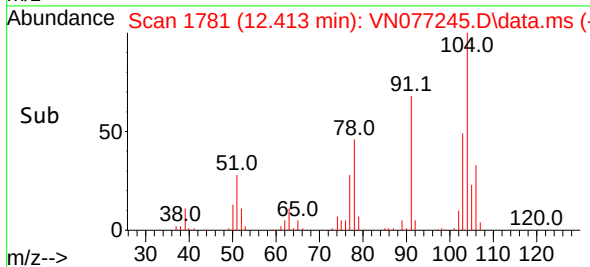
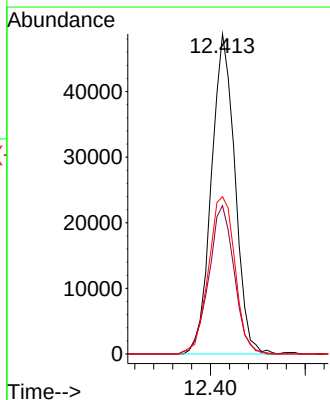
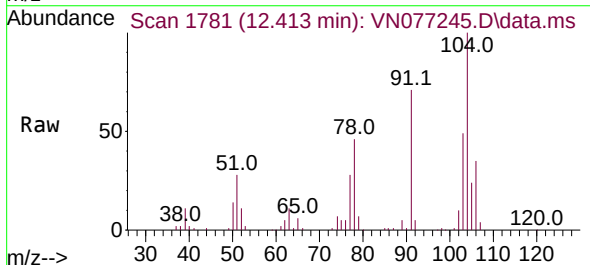
Manual Integrations
APPROVED

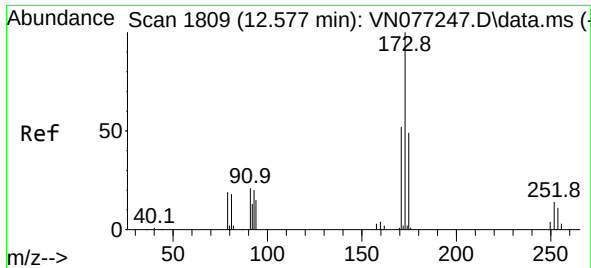
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 4.627 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

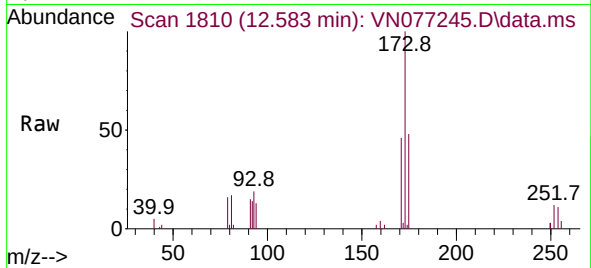
Tgt Ion:104 Resp: 84049
Ion Ratio Lower Upper
104 100
78 50.0 38.7 58.1
103 55.4 44.5 66.7





#71
Bromoform
Concen: 4.722 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

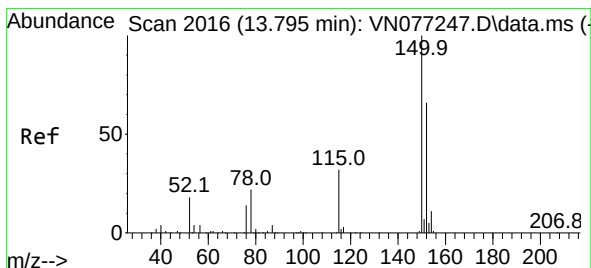
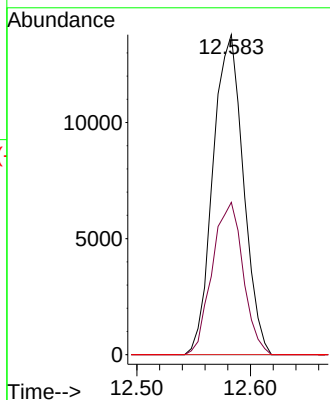
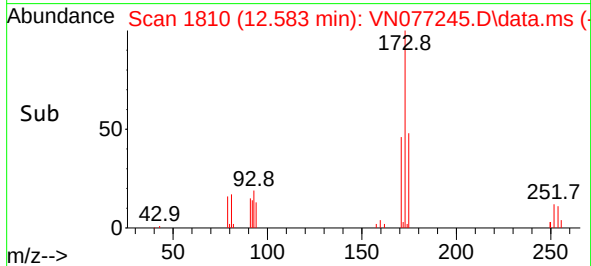
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



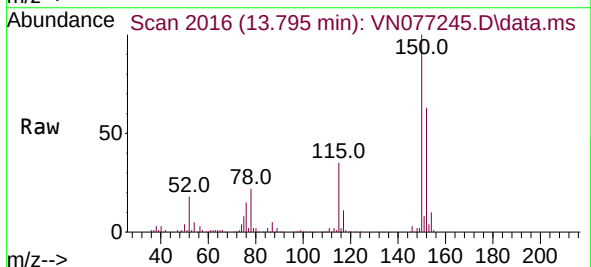
Tgt Ion:173 Resp: 25628
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

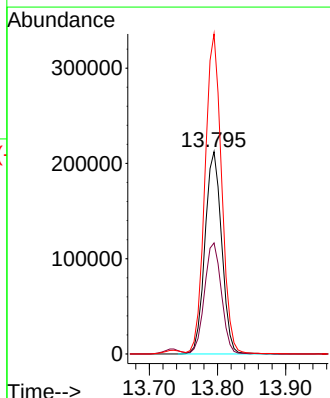
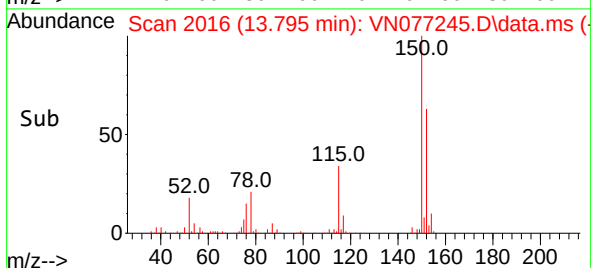
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

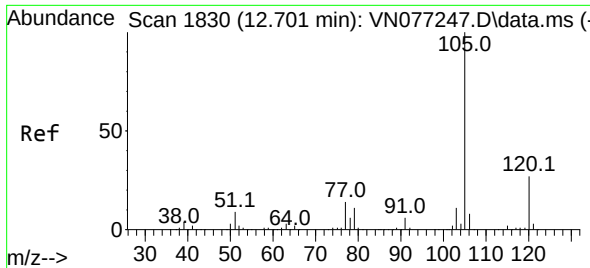


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



Tgt Ion:152 Resp: 361280
Ion Ratio Lower Upper
152 100
115 55.2 27.9 83.6
150 158.0 0.0 346.4





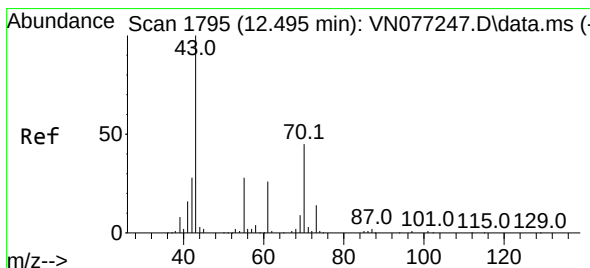
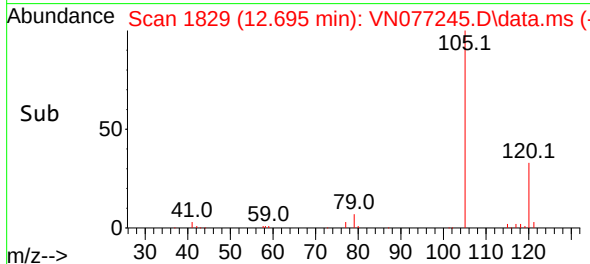
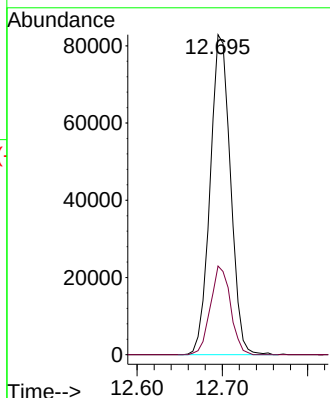
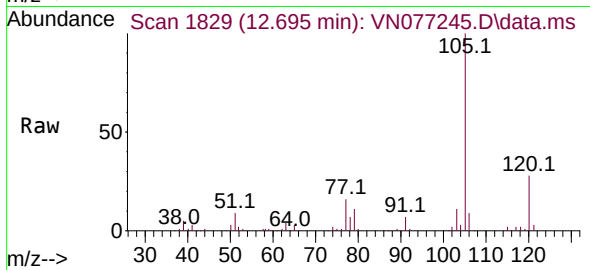
#73
Isopropylbenzene
Concen: 5.101 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 137419
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1

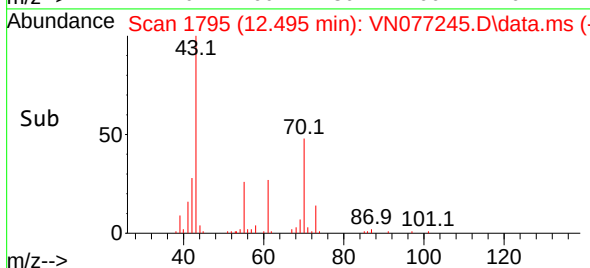
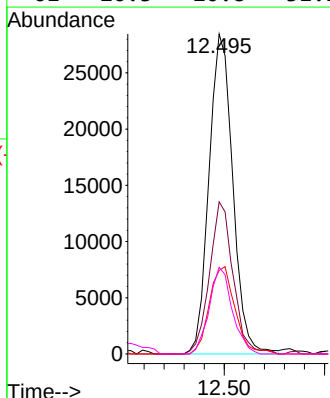
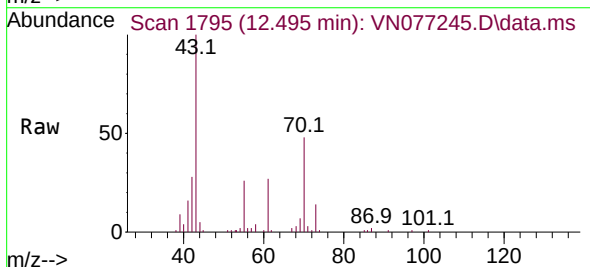
Manual Integrations
APPROVED

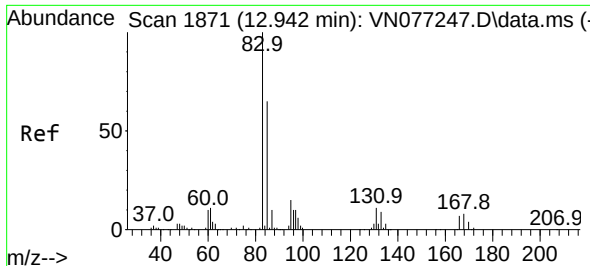
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#74
N-ethyl acetate
Concen: 4.725 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

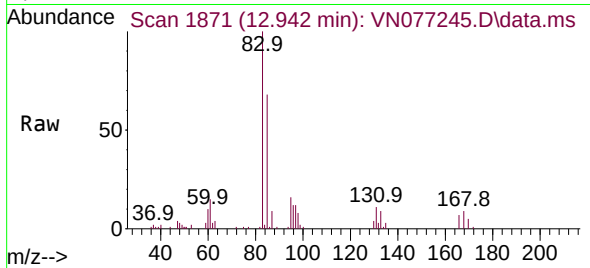
Tgt Ion: 43 Resp: 46931
Ion Ratio Lower Upper
43 100
70 47.1 37.5 56.3
55 29.5 21.4 32.0
61 26.3 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.069 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

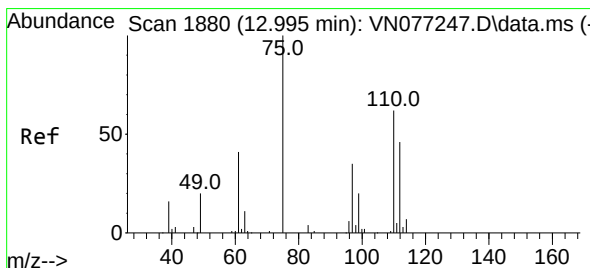
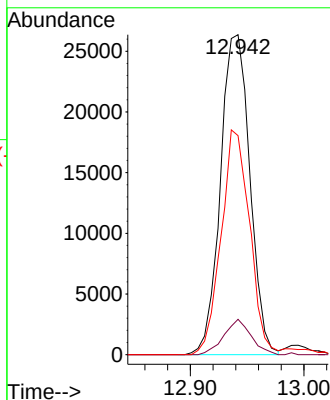
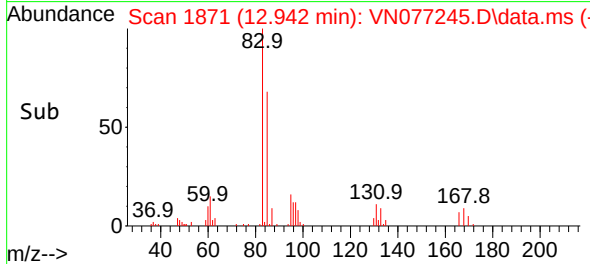
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 47494
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 68.1 32.3 96.9

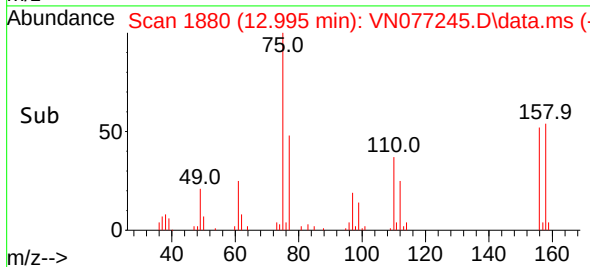
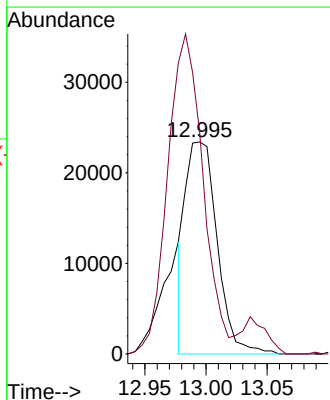
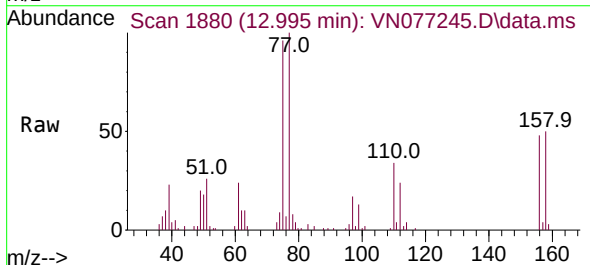
Manual Integrations
APPROVED

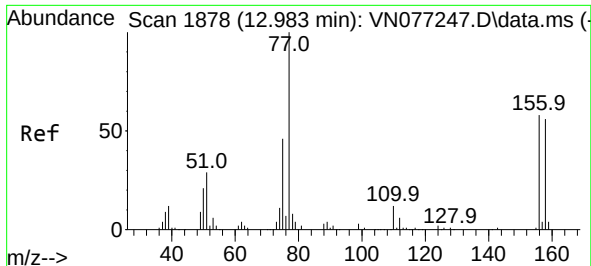
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#76
1,2,3-Trichloropropane
Concen: 5.576 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

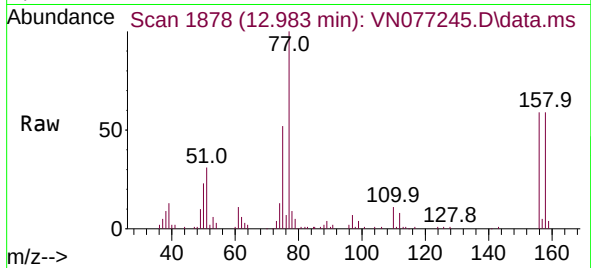
Tgt Ion: 75 Resp: 42436
Ion Ratio Lower Upper
75 100
77 169.1 93.7 280.9





#77
Bromobenzene
Concen: 5.096 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

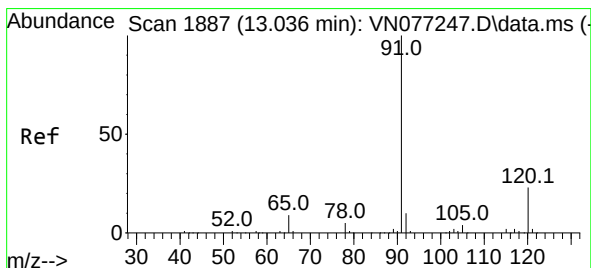
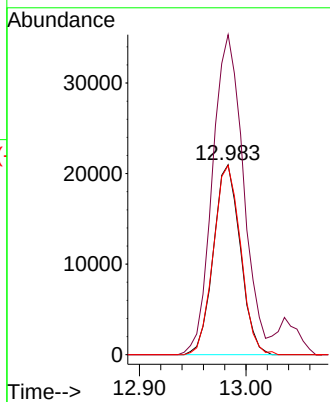
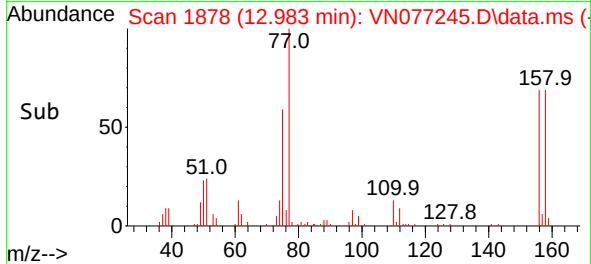
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



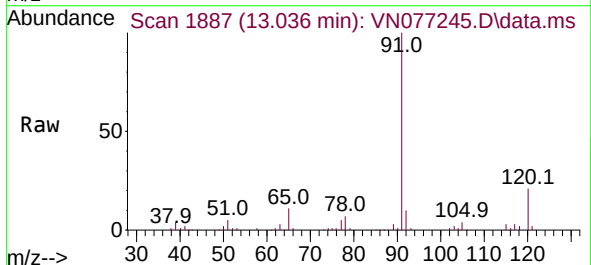
Tgt Ion:156 Resp: 3676
Ion Ratio Lower Upper
156 100
77 195.2 97.0 291.2
158 100.8 49.1 147.3

Manual Integrations
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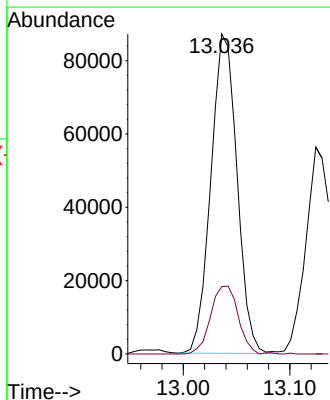
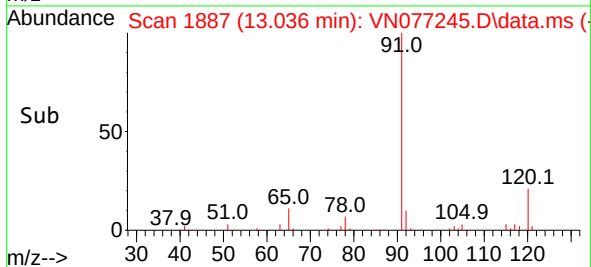
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

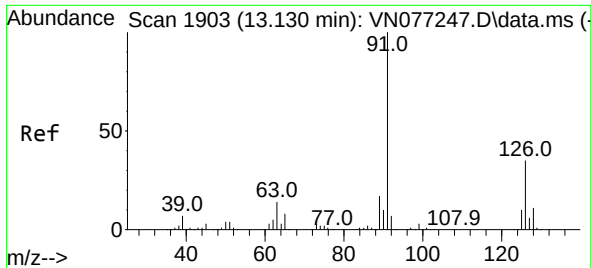


#78
n-propylbenzene
Concen: 4.995 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



Tgt Ion: 91 Resp: 148409
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.1





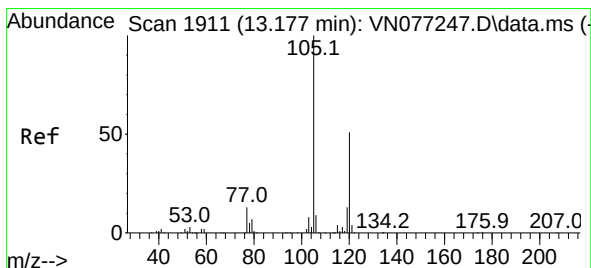
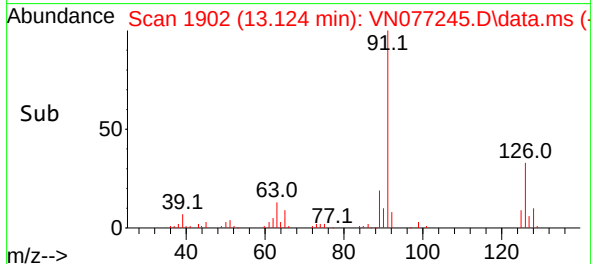
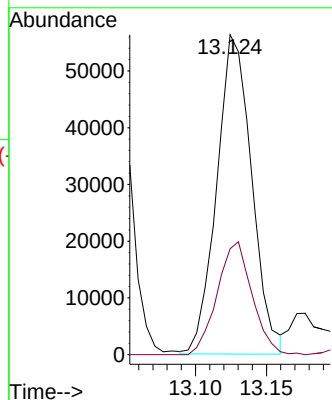
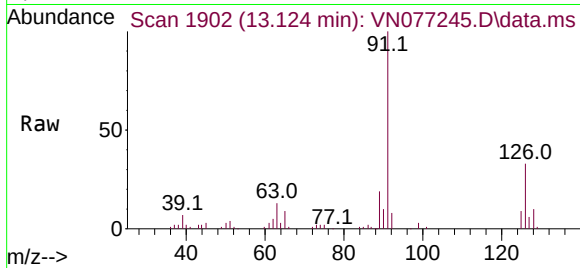
#79
2-Chlorotoluene
Concen: 5.048 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 9646
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.9

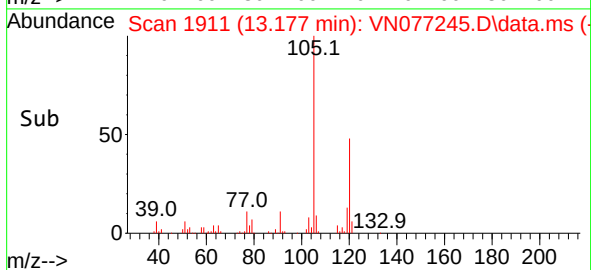
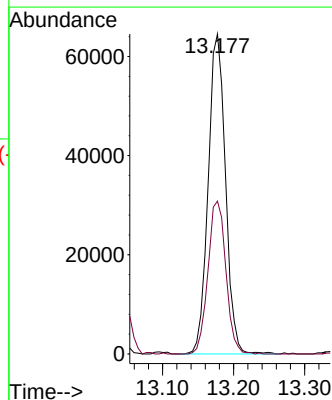
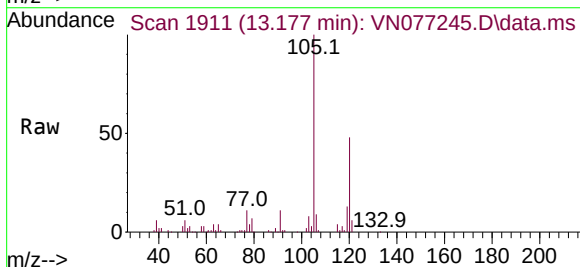
Manual Integrations
APPROVED

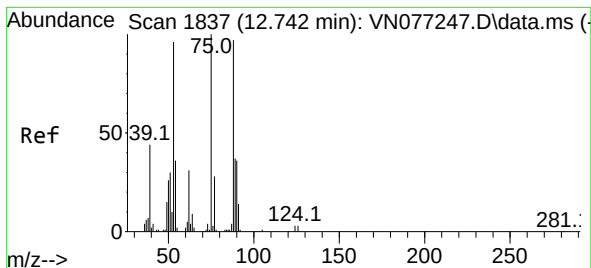
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.049 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

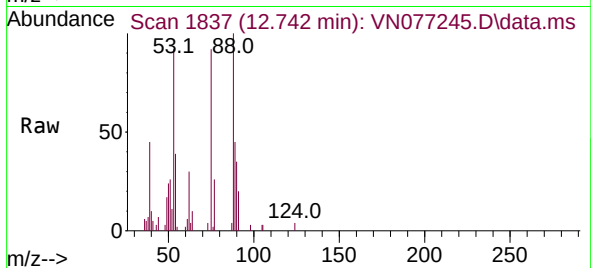
Tgt Ion:105 Resp: 109333
Ion Ratio Lower Upper
105 100
120 49.6 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 5.512 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

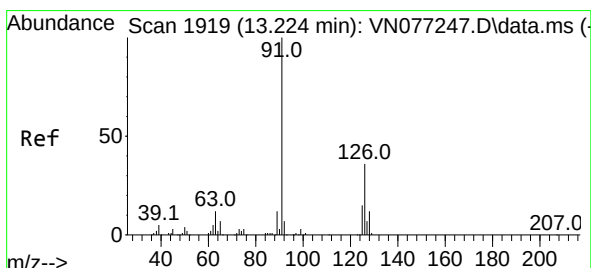
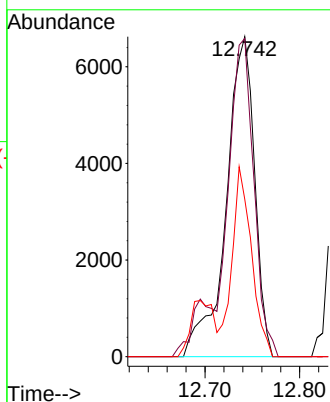
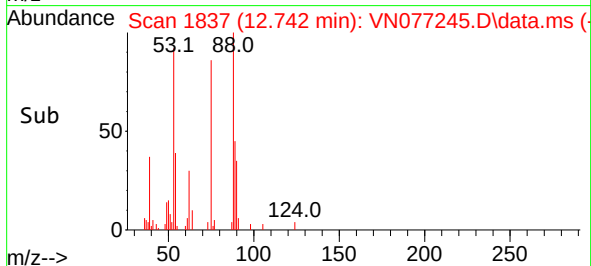
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



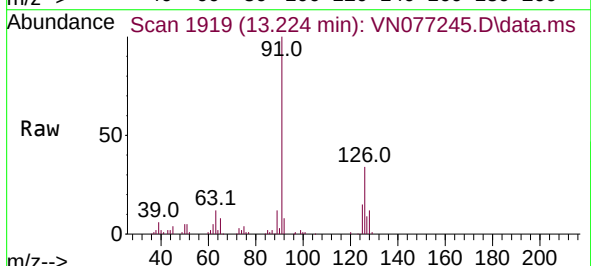
Tgt Ion: 75 Resp: 1385
Ion Ratio Lower Upper
75 100
53 85.4 74.1 111.1
89 40.9 36.3 54.5

Manual Integrations
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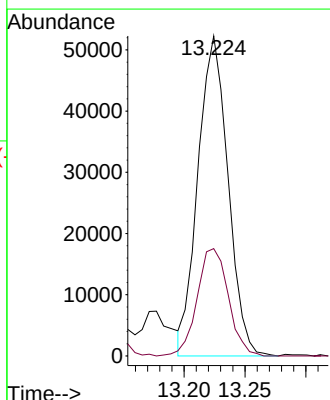
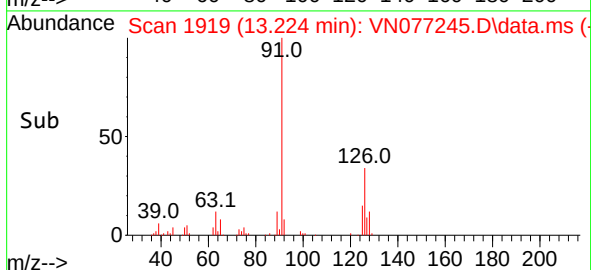
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

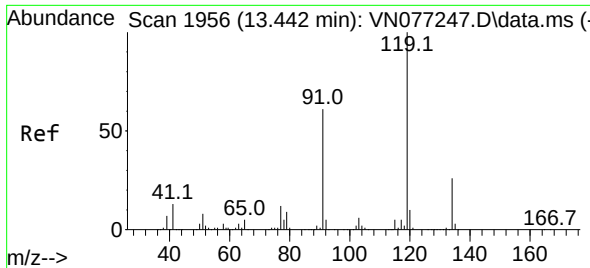


#82
4-Chlorotoluene
Concen: 5.006 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



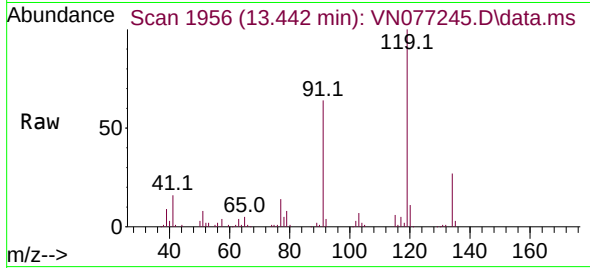
Tgt Ion: 91 Resp: 89883
Ion Ratio Lower Upper
91 100
126 34.9 17.6 52.8





#83
tert-Butylbenzene
Concen: 5.044 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

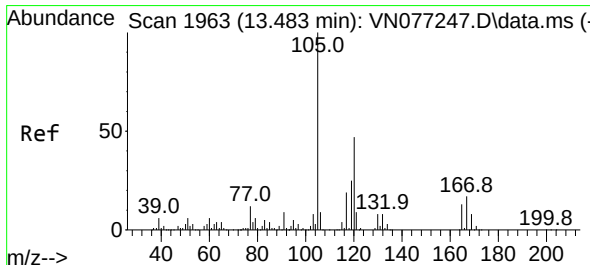
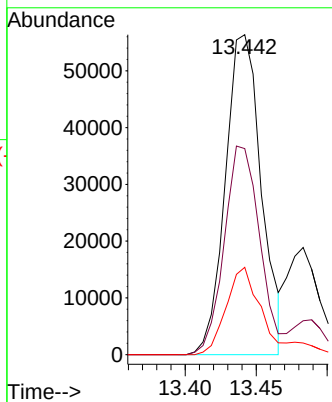
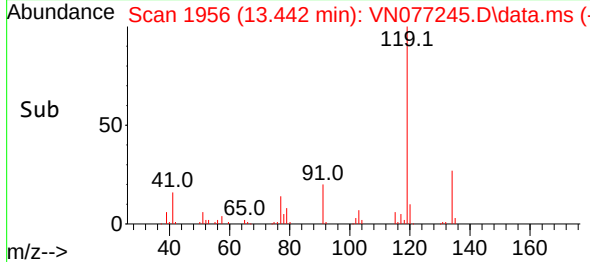
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



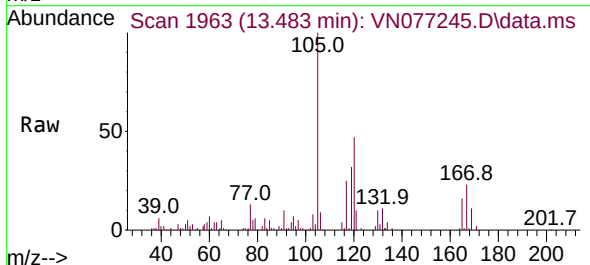
Tgt Ion:119 Resp: 9952
Ion Ratio Lower Upper
119 100
91 65.3 31.4 94.0
134 28.6 13.7 41.0

Manual Integrations
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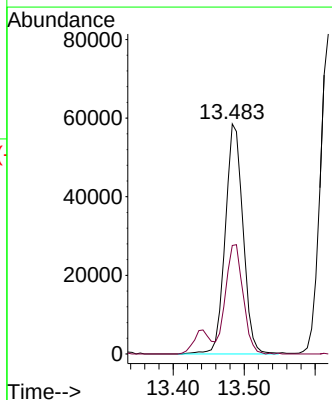
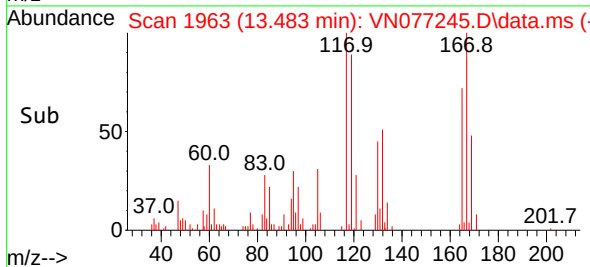
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

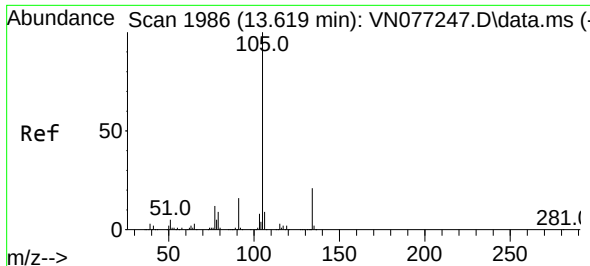


#84
1,2,4-Trimethylbenzene
Concen: 4.799 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



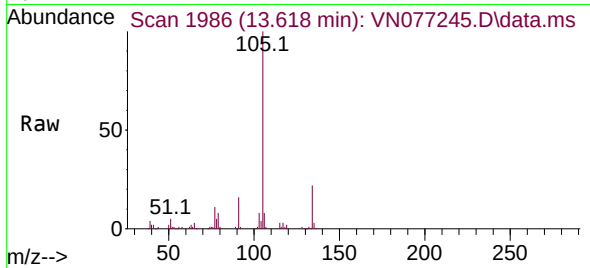
Tgt Ion:105 Resp: 101483
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 4.950 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077245.D
 Acq: 31 Mar 2023 10:45

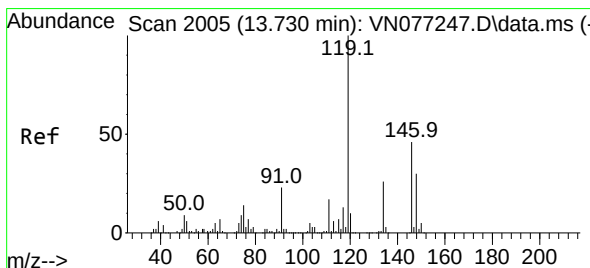
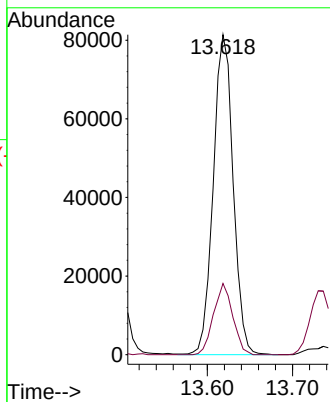
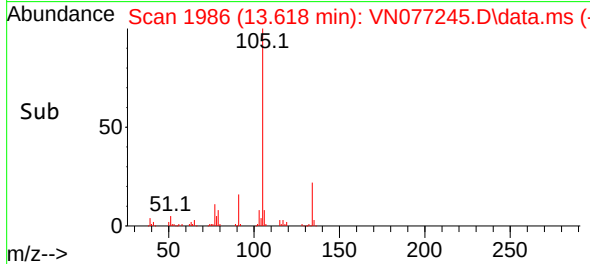
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



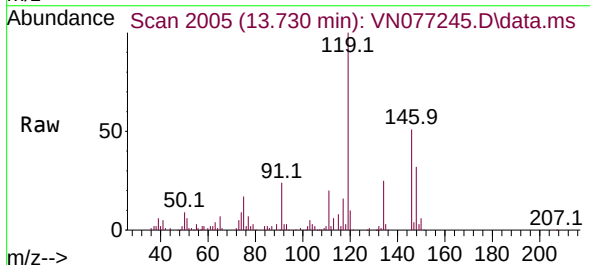
Tgt Ion:105 Resp: 131858
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.2

Manual Integrations
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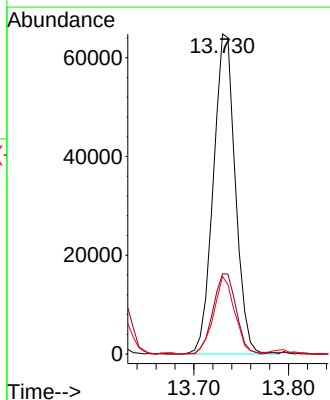
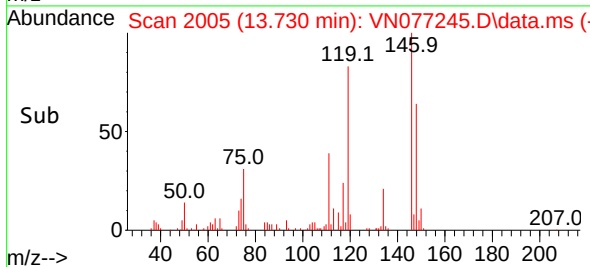
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

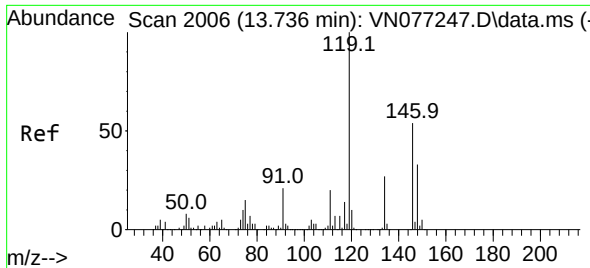


#86
 p-Isopropyltoluene
 Concen: 4.809 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077245.D
 Acq: 31 Mar 2023 10:45



Tgt Ion:119 Resp: 104480
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 23.3 10.9 32.6





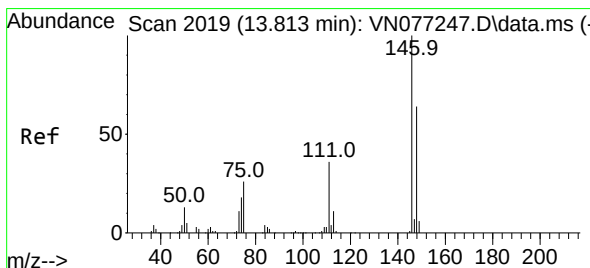
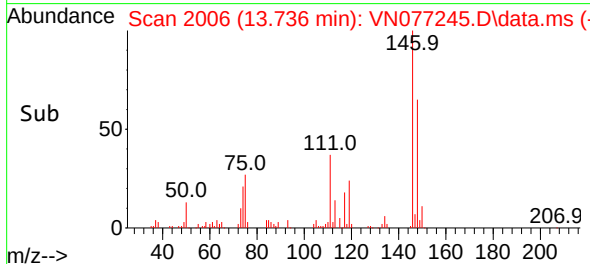
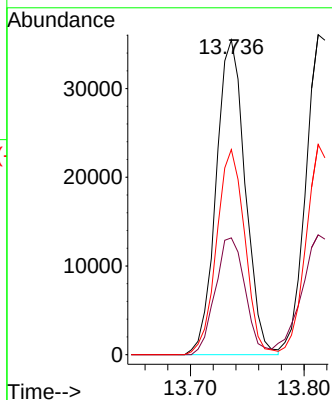
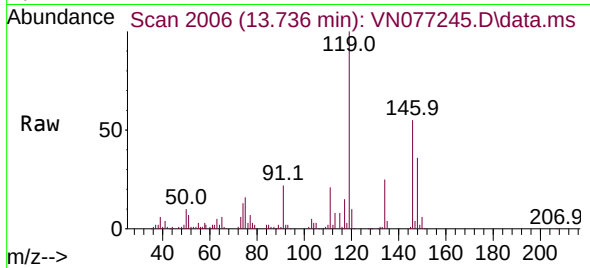
#87
1,3-Dichlorobenzene
Concen: 4.989 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 63148
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 63.4 31.9 95.9

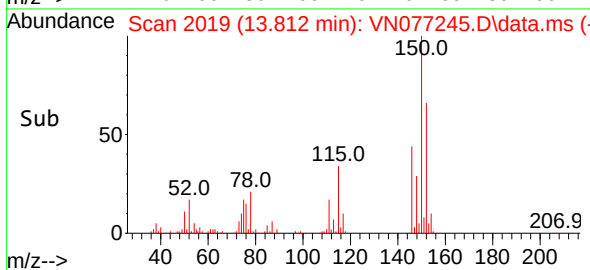
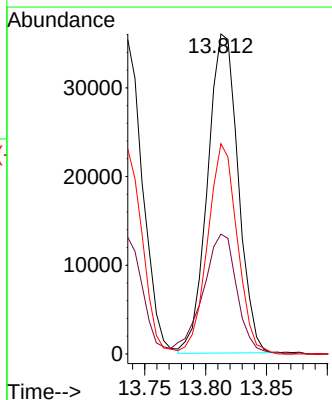
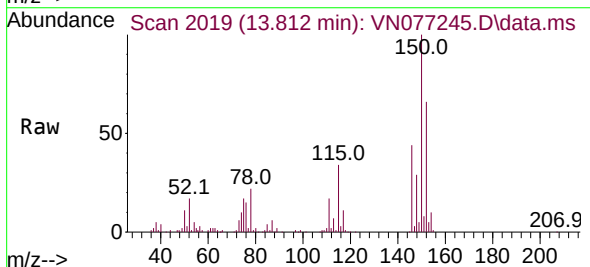
Manual Integrations
APPROVED

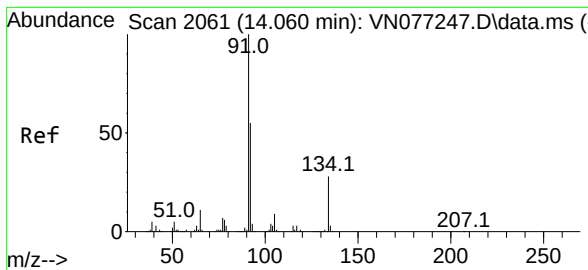
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#88
1,4-Dichlorobenzene
Concen: 5.027 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion:146 Resp: 62785
Ion Ratio Lower Upper
146 100
111 42.0 18.6 56.0
148 63.9 31.9 95.5





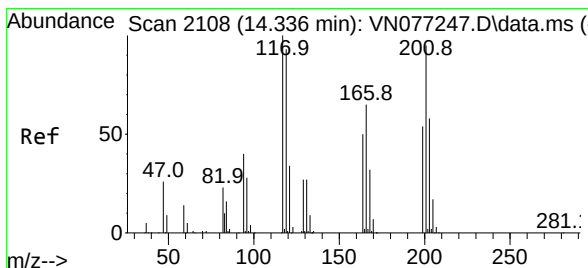
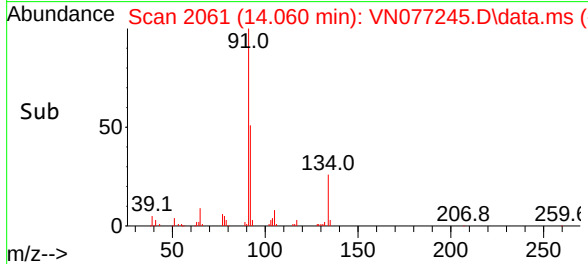
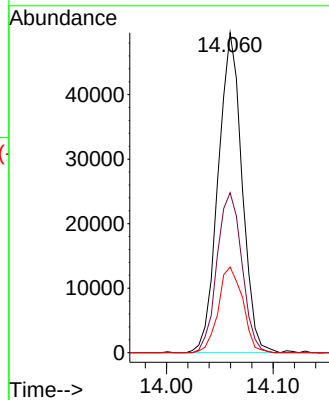
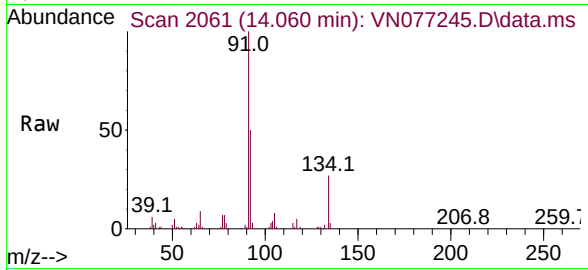
#89
n-Butylbenzene
Concen: 4.435 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 7717
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 27.4 13.6 40.7

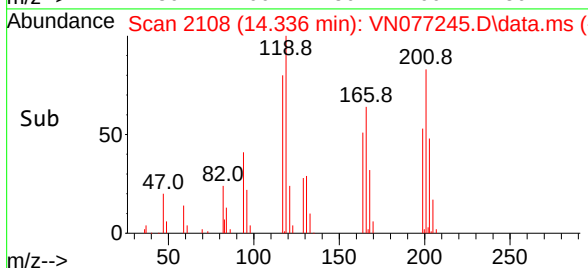
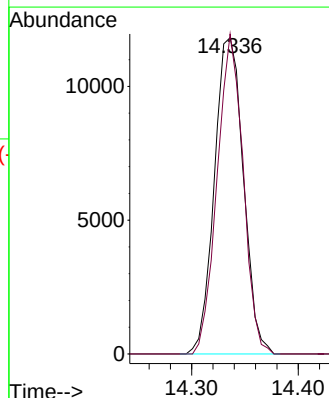
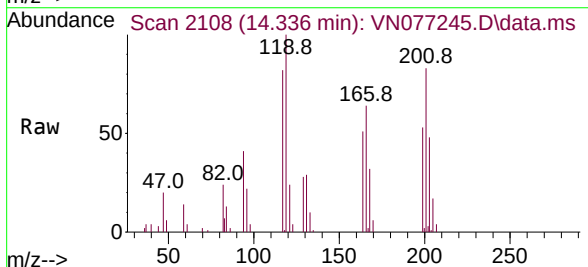
Manual Integrations
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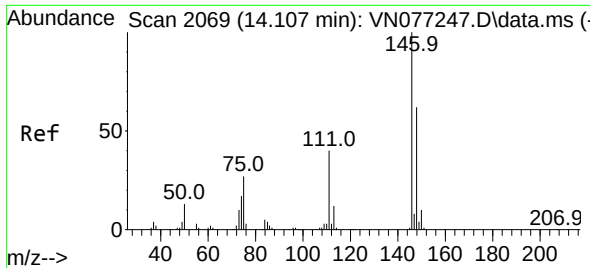
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#90
Hexachloroethane
Concen: 4.936 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Tgt Ion:117 Resp: 22311
Ion Ratio Lower Upper
117 100
201 90.4 45.1 135.2





#91
1,2-Dichlorobenzene
Concen: 4.908 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

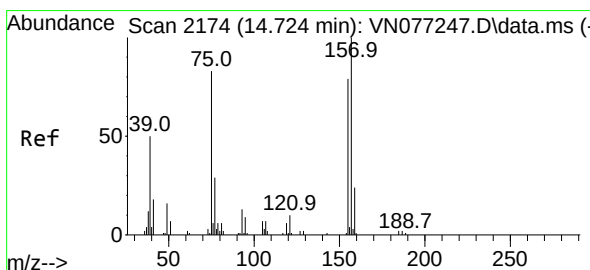
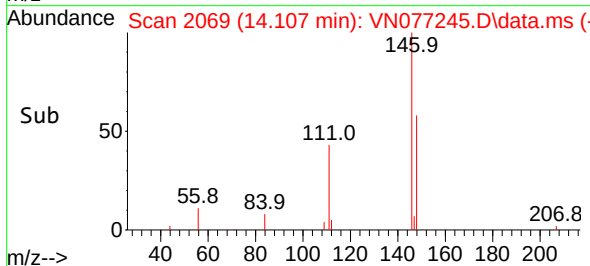
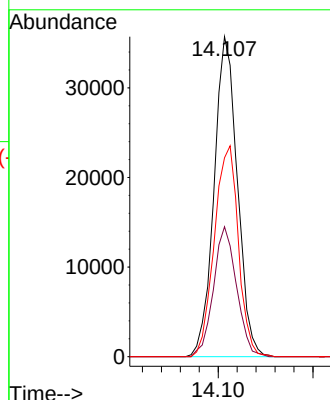
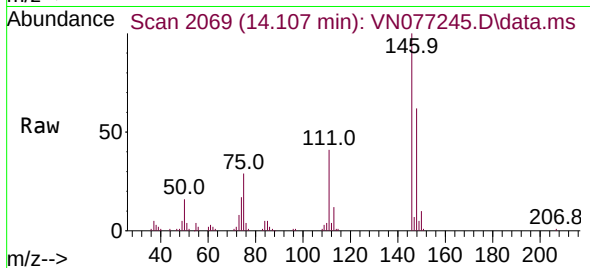
Tgt Ion:146 Resp: 6101
Ion Ratio Lower Upper
146 100
111 40.2 19.6 58.7
148 68.0 31.8 95.4

Manual Integrations

APPROVED

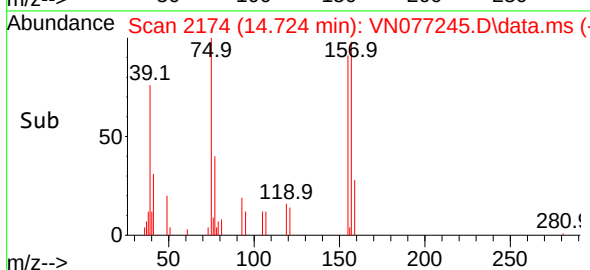
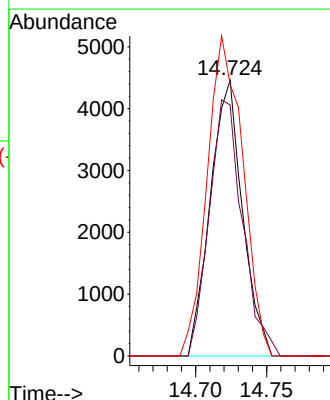
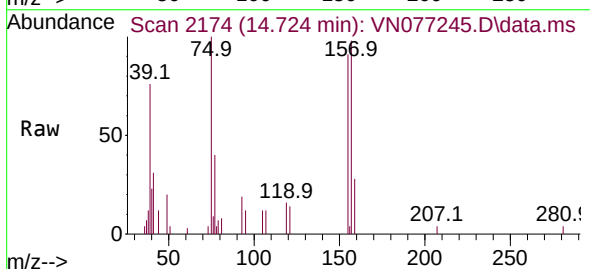
Reviewed By :John Carlone 04/03/2023

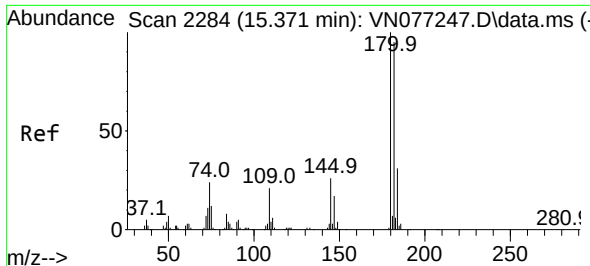
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.487 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

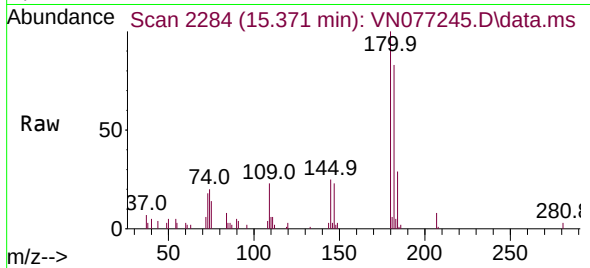
Tgt Ion: 75 Resp: 7024
Ion Ratio Lower Upper
75 100
155 96.1 48.1 144.3
157 128.6 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 3.582 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45

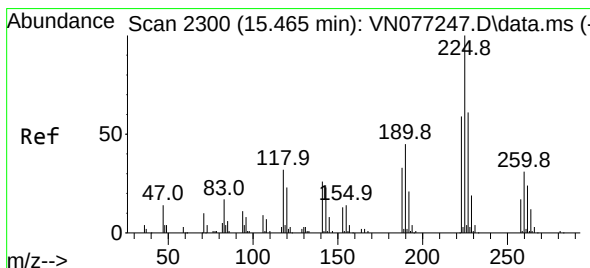
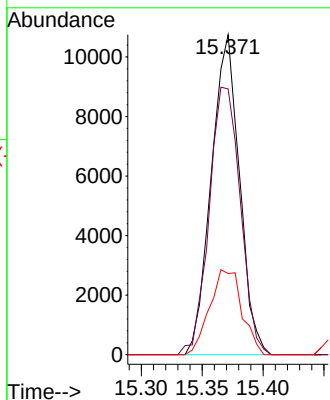
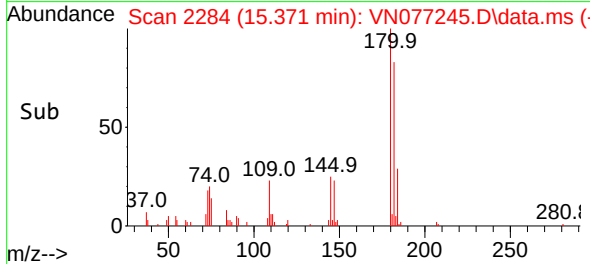
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



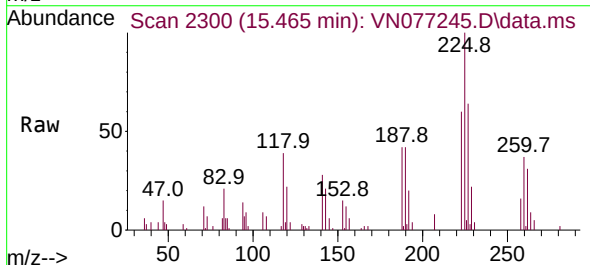
Tgt Ion:180 Resp: 17330
Ion Ratio Lower Upper
180 100
182 92.0 47.9 143.8
145 30.4 13.9 41.6

Manual Integrations
APPROVED

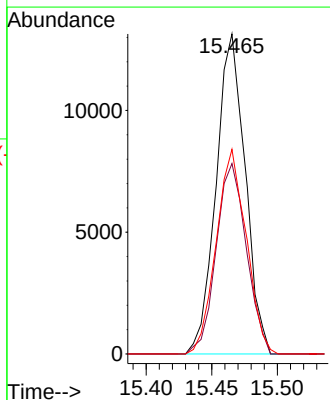
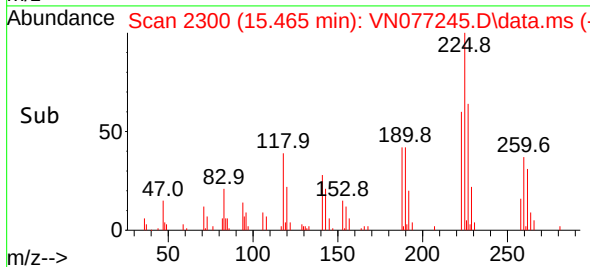
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

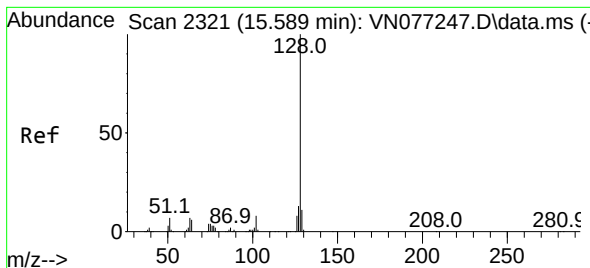


#94
Hexachlorobutadiene
Concen: 4.899 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077245.D
Acq: 31 Mar 2023 10:45



Tgt Ion:225 Resp: 20274
Ion Ratio Lower Upper
225 100
223 61.7 31.1 93.2
227 65.9 32.3 96.8





#95

Naphthalene

Concen: 2.918 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

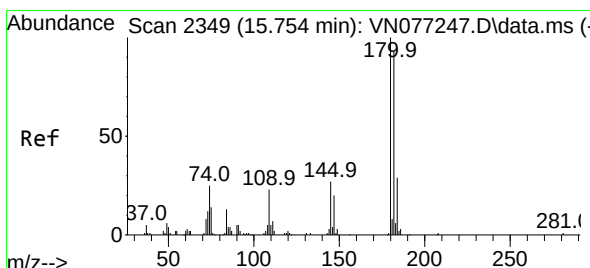
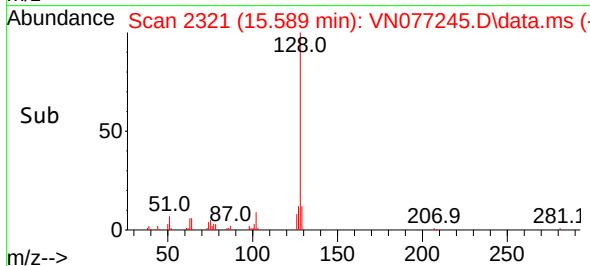
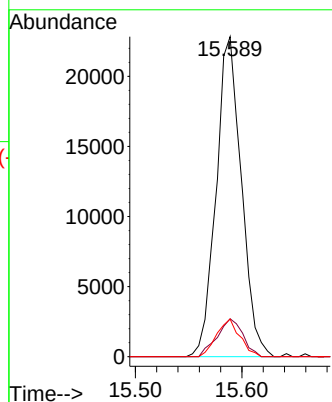
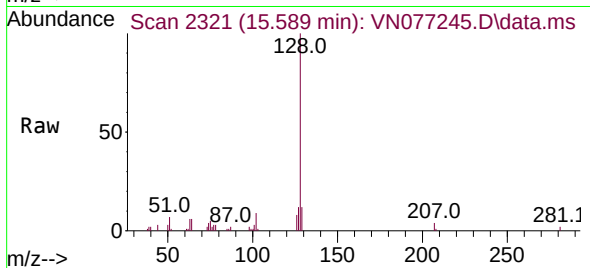
Tgt Ion:	128	Resp:	37530
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#96

1,2,3-Trichlorobenzene

Concen: 3.631 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. 0.000 min

Lab File: VN077245.D

Acq: 31 Mar 2023 10:45

Tgt Ion:	180	Resp:	17247
Ion Ratio	Lower	Upper	
180	100		
182	90.3	47.9	143.8
145	27.8	14.8	44.3

