

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075627.D
 Acq On : 07 Dec 2022 23:32
 Operator : JC\MD
 Sample : VN1207SBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Quant Time: Dec 08 00:25:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	193999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	50383	48.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.171	113	65708	53.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.120%		
50) Toluene-d8	10.571	98	141091	51.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.120%		
62) 4-Bromofluorobenzene	12.853	95	112304	55.067	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	32296	21.771	ug/l	96
3) Chloromethane	2.371	50	37161	20.132	ug/l	92
4) Vinyl Chloride	2.524	62	49442	21.254	ug/l	90
5) Bromomethane	2.918	94	44962	21.979	ug/l	98
6) Chloroethane	3.107	64	36955	20.965	ug/l	91
7) Trichlorofluoromethane	3.495	101	67893	20.429	ug/l	98
8) Diethyl Ether	3.971	74	24896	21.374	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	39989	21.797	ug/l	92
10) Methyl Iodide	4.595	142	64525	21.705	ug/l	95
11) Tert butyl alcohol	5.548	59	41691	95.370	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37465	20.854	ug/l	94
13) Acrolein	4.195	56	36450	95.712	ug/l	99
14) Allyl chloride	5.036	41	47722	20.536	ug/l	95
15) Acrylonitrile	5.736	53	95883	95.602	ug/l	97
16) Acetone	4.448	43	75121	77.338	ug/l	90
17) Carbon Disulfide	4.718	76	93895	20.111	ug/l	99
18) Methyl Acetate	5.036	43	53630	21.154	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	132835	20.872	ug/l	99
20) Methylene Chloride	5.289	84	44096	21.662	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	41974	20.501	ug/l	94
22) Diisopropyl ether	6.683	45	109535	20.655	ug/l	97
23) Vinyl Acetate	6.618	43	427334m	101.291	ug/l	
24) 1,1-Dichloroethane	6.577	63	72493	21.297	ug/l	98
25) 2-Butanone	7.494	43	121780	89.801	ug/l	98
26) 2,2-Dichloropropane	7.500	77	49656	15.697	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	49979	21.588	ug/l	91
28) Bromochloromethane	7.818	49	29540	21.380	ug/l	83
29) Tetrahydrofuran	7.847	42	78757	95.478	ug/l	97
30) Chloroform	7.971	83	80028	20.473	ug/l	99
31) Cyclohexane	8.265	56	65064	19.665	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	73057	20.584	ug/l	98
36) 1,1-Dichloropropene	8.377	75	56696	21.193	ug/l	97
37) Ethyl Acetate	7.571	43	48882	20.292	ug/l	99
38) Carbon Tetrachloride	8.365	117	64547	21.963	ug/l	99
39) Methylcyclohexane	9.606	83	72525	21.661	ug/l	98
40) Benzene	8.612	78	175900	21.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	24560	19.942	ug/l	94
42) 1,2-Dichloroethane	8.677	62	59191	21.577	ug/l	95
43) Isopropyl Acetate	8.694	43	85924	22.222	ug/l	99
44) Trichloroethene	9.359	130	49117	21.915	ug/l	91
45) 1,2-Dichloropropane	9.624	63	42297	21.669	ug/l	96
46) Dibromomethane	9.712	93	32963	22.327	ug/l	90
47) Bromodichloromethane	9.894	83	62491	21.857	ug/l #	96
48) Methyl methacrylate	9.683	41	37843	21.166	ug/l	97
49) 1,4-Dioxane	9.700	88	20397	401.768	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	254925	103.514	ug/l	97
52) Toluene	10.635	92	116311	22.036	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	60459	21.063	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	66416	21.305	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	46318	21.545	ug/l	96
56) Ethyl methacrylate	10.877	69	64532	22.227	ug/l	98
57) 1,3-Dichloropropane	11.165	76	74812	21.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	101726	97.152	ug/l	97
59) 2-Hexanone	11.200	43	190360	102.939	ug/l	98
60) Dibromochloromethane	11.365	129	52903	23.974	ug/l	100
61) 1,2-Dibromoethane	11.471	107	48154	21.581	ug/l	98
64) Tetrachloroethene	11.106	164	43149	20.039	ug/l	91
65) Chlorobenzene	11.894	112	128067	21.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	48193	22.175	ug/l	99
67) Ethyl Benzene	11.965	91	223895	22.537	ug/l	98
68) m/p-Xylenes	12.076	106	179006	44.371	ug/l	99
69) o-Xylene	12.400	106	89417	22.308	ug/l	96
70) Styrene	12.418	104	142119	22.476	ug/l	99
71) Bromoform	12.582	173	37556	22.705	ug/l #	99
73) Isopropylbenzene	12.700	105	228390	21.513	ug/l	98
74) N-amyl acetate	12.500	43	71301	21.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	66845	20.652	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	52665m	19.169	ug/l	
77) Bromobenzene	12.982	156	57108	21.789	ug/l	81
78) n-propylbenzene	13.041	91	257855	21.764	ug/l	99
79) 2-Chlorotoluene	13.129	91	155009	21.714	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	197586	22.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16731	18.018	ug/l	98
82) 4-Chlorotoluene	13.129	91	155009	21.714	ug/l	97
83) tert-Butylbenzene	13.441	119	183226	22.784	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	196361	22.195	ug/l	98
85) sec-Butylbenzene	13.623	105	245373	22.487	ug/l	100
86) p-Isopropyltoluene	13.735	119	205565	22.391	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	107636	21.675	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	105303	20.875	ug/l	99
89) n-Butylbenzene	14.059	91	161178	20.787	ug/l	98
90) Hexachloroethane	14.341	117	35354	22.323	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	106385	21.978	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12251	19.982	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	52439	21.140	ug/l	98
94) Hexachlorobutadiene	15.506	225	29165	22.572	ug/l	99
95) Naphthalene	15.641	128	158140	20.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52868	21.685	ug/l	97

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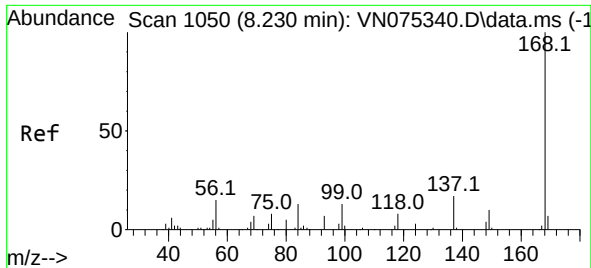
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

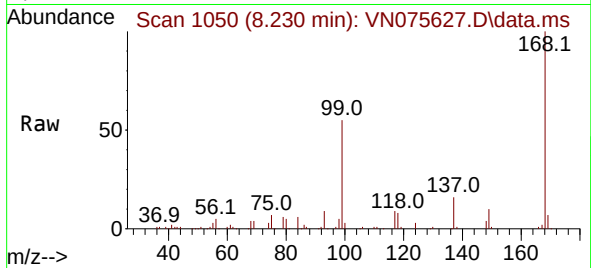
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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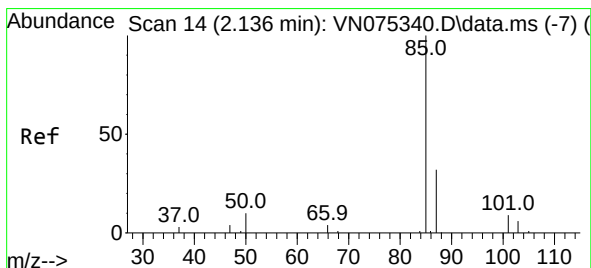
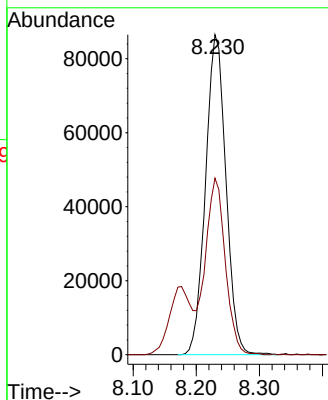
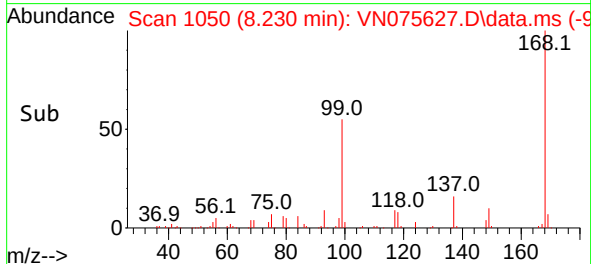
Instrument :
MSVOA_N
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VN1207SBS02



Tgt Ion:168 Resp: 193999
Ion Ratio Lower Upper
168 100
99 55.1 51.6 77.4

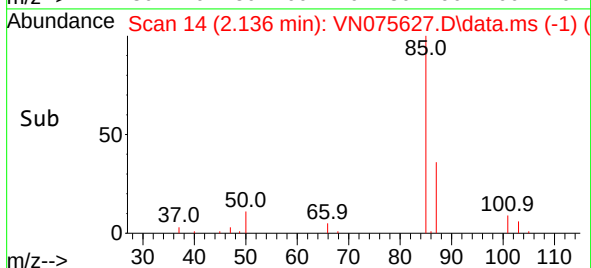
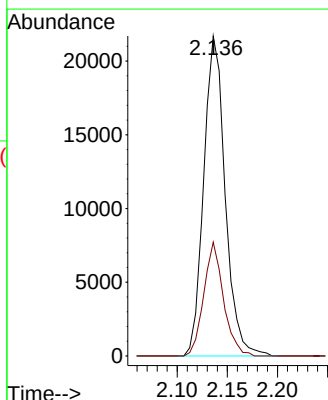
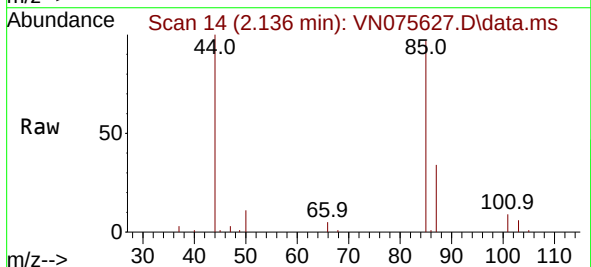
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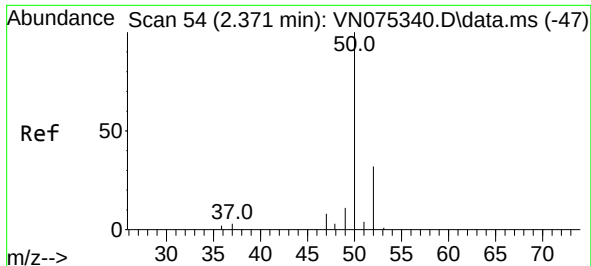
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#2
Dichlorodifluoromethane
Concen: 21.771 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

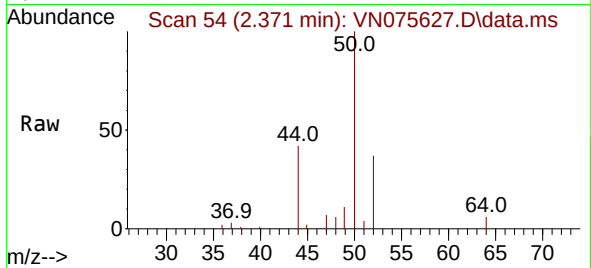
Tgt Ion: 85 Resp: 32296
Ion Ratio Lower Upper
85 100
87 35.6 16.7 50.0





#3
Chloromethane
Concen: 20.132 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

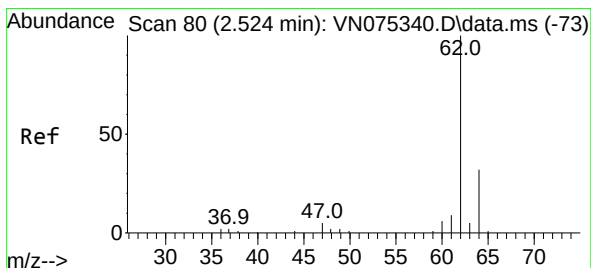
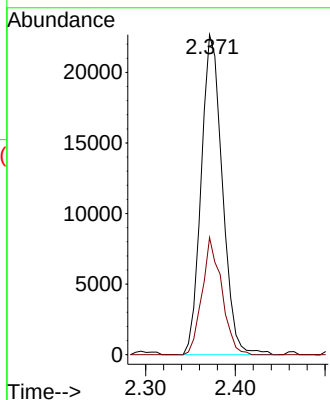
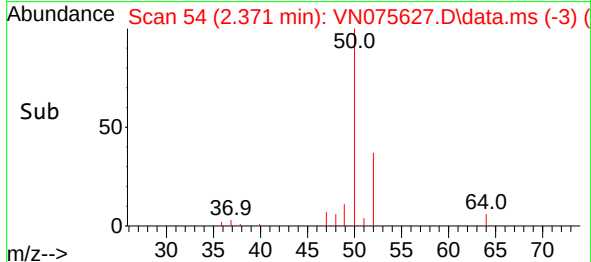
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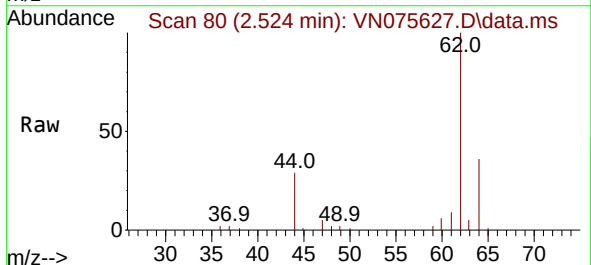
Tgt Ion: 50 Resp: 3716
Ion Ratio Lower Upper
50 100
52 36.6 25.8 38.6

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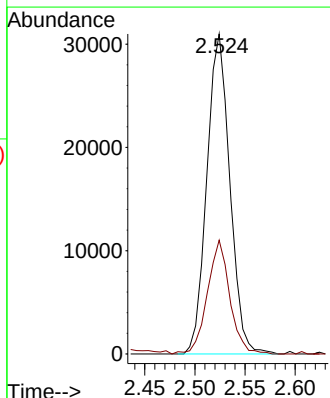
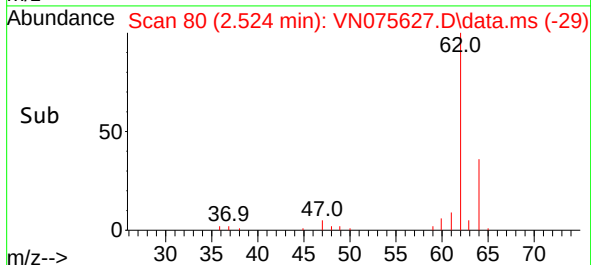
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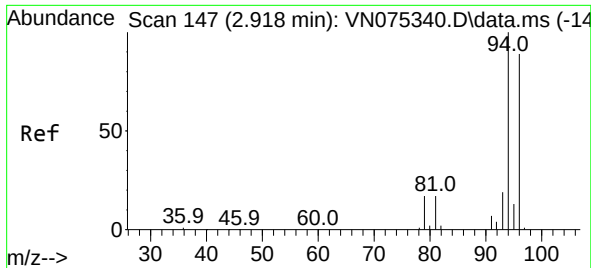


#4
Vinyl Chloride
Concen: 21.254 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



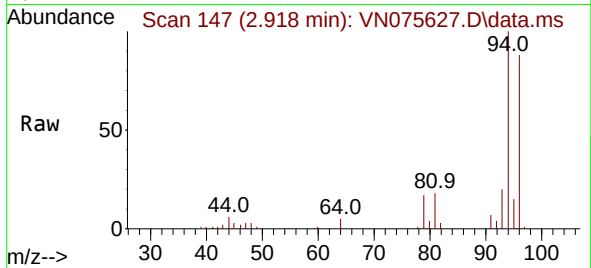
Tgt Ion: 62 Resp: 49442
Ion Ratio Lower Upper
62 100
64 35.5 24.0 36.0





#5
Bromomethane
Concen: 21.979 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075627.D
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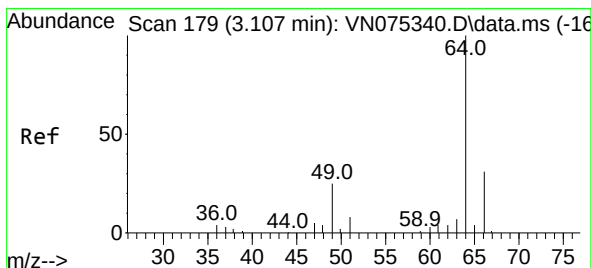
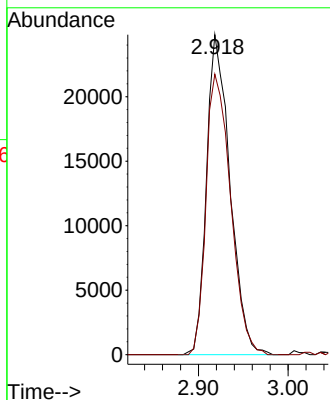
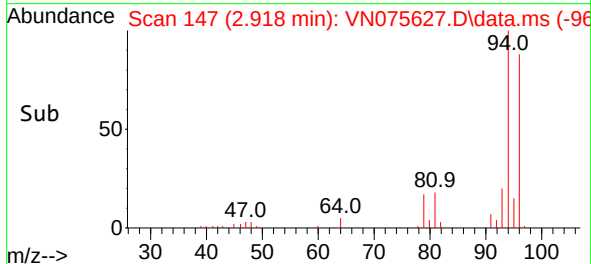
Instrument :
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Tgt Ion: 94 Resp: 44962
Ion Ratio Lower Upper
94 100
96 87.6 71.8 107.6

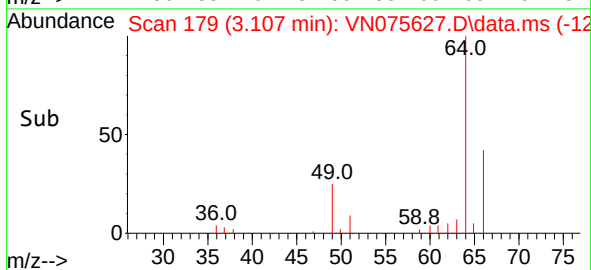
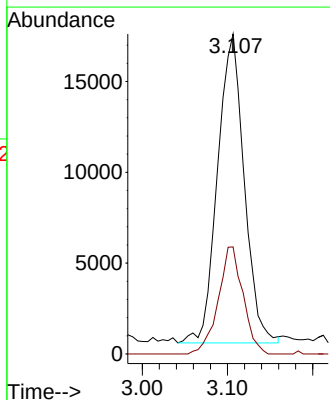
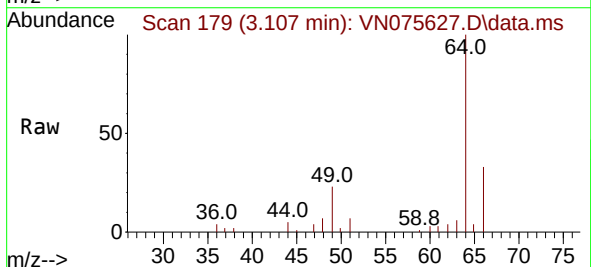
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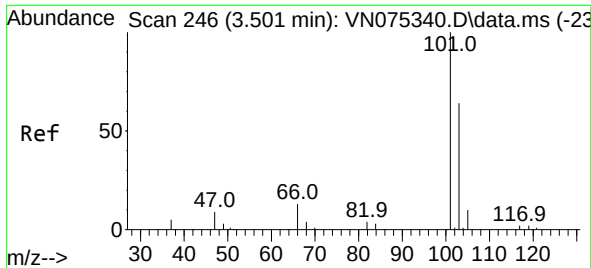
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#6
Chloroethane
Concen: 20.965 ug/l
RT: 3.107 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion: 64 Resp: 36955
Ion Ratio Lower Upper
64 100
66 34.7 23.8 35.8





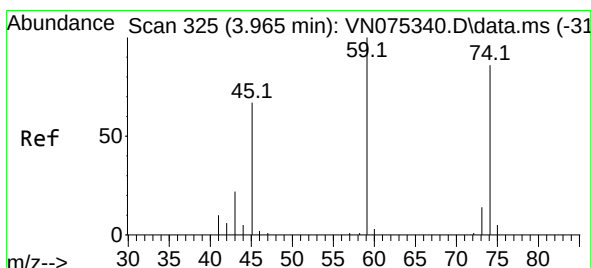
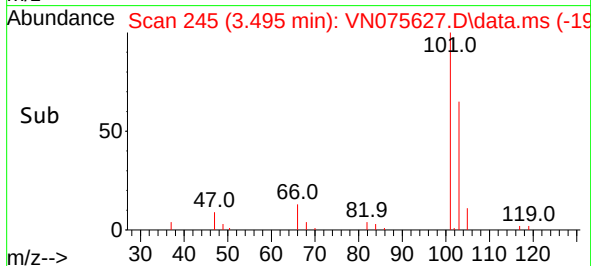
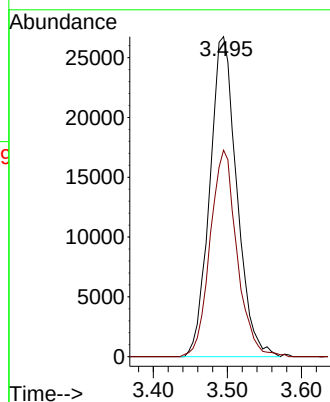
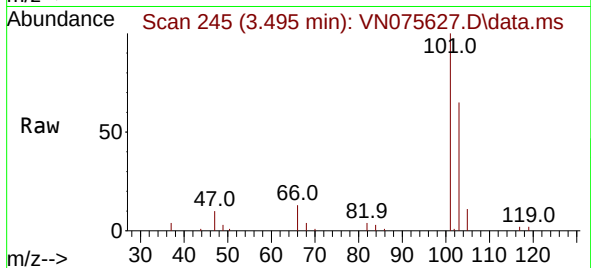
#7
Trichlorofluoromethane
Concen: 20.429 ug/l
RT: 3.495 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 6789
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7

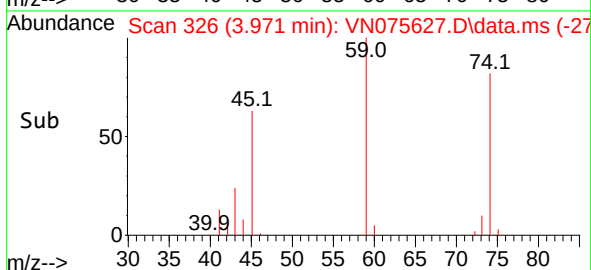
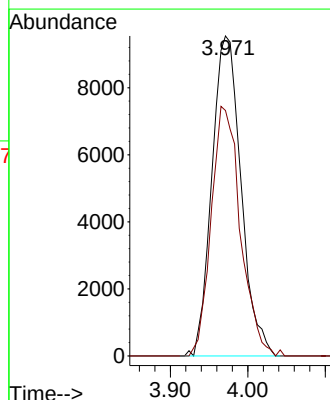
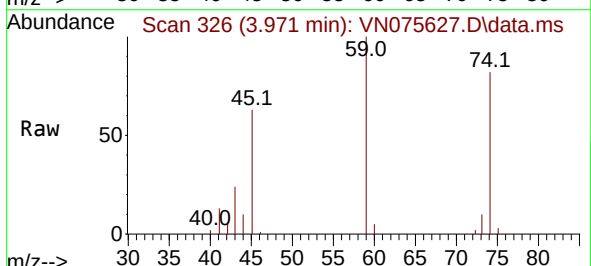
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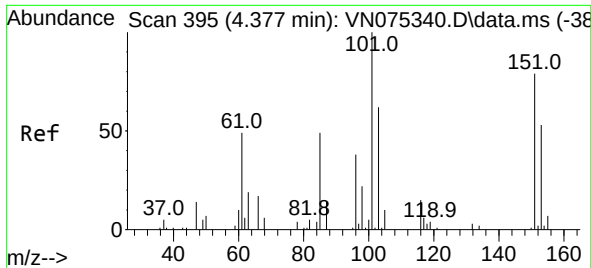
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#8
Diethyl Ether
Concen: 21.374 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion: 74 Resp: 24896
Ion Ratio Lower Upper
74 100
45 78.3 39.3 117.9





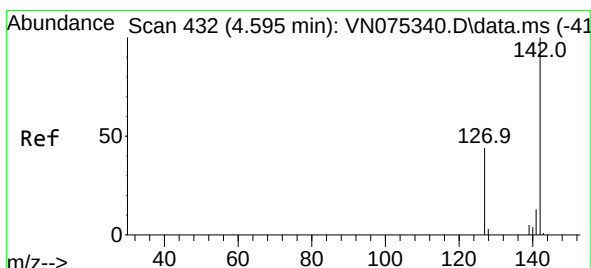
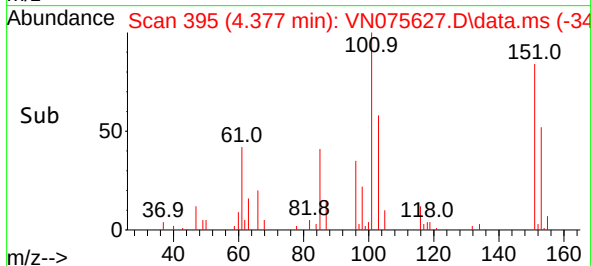
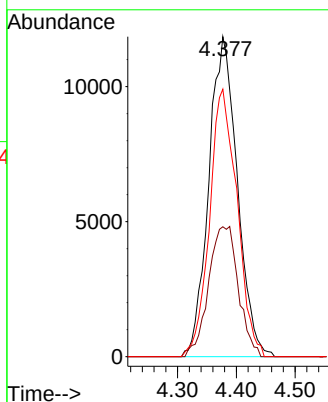
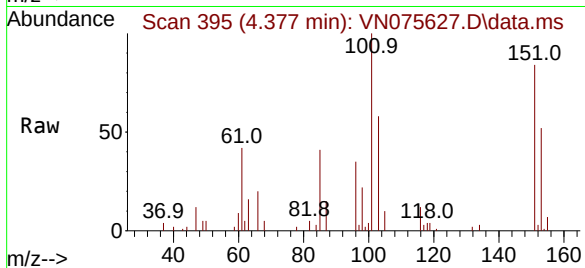
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.797 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN075627.D
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ClientSampleId :
VN1207SBS02

Tgt Ion:101 Resp: 39989
Ion Ratio Lower Upper
101 100
85 42.4 37.6 56.4
151 80.5 58.3 87.5

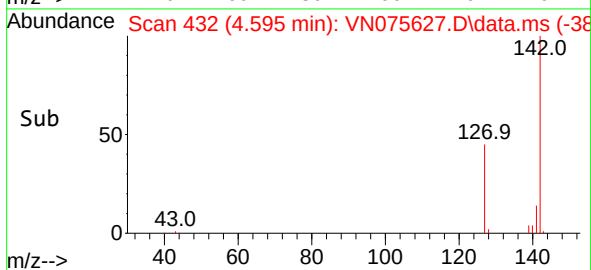
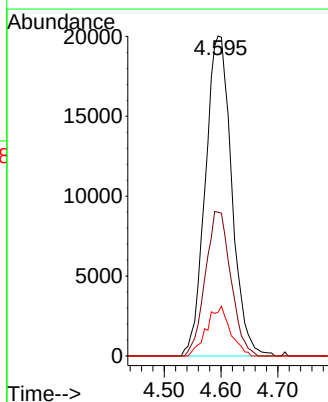
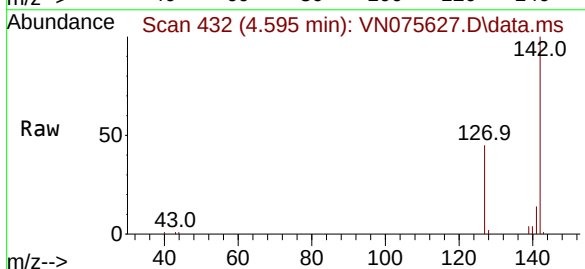
Manual Integrations
APPROVED

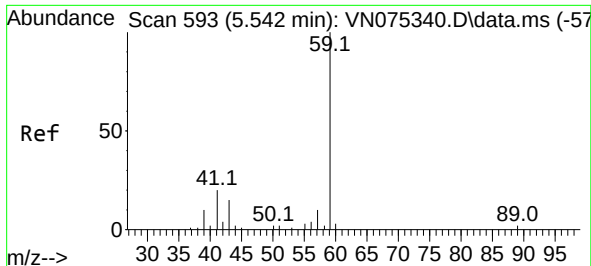
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#10
Methyl Iodide
Concen: 21.705 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion:142 Resp: 64525
Ion Ratio Lower Upper
142 100
127 43.7 38.0 57.0
141 14.0 12.2 18.4





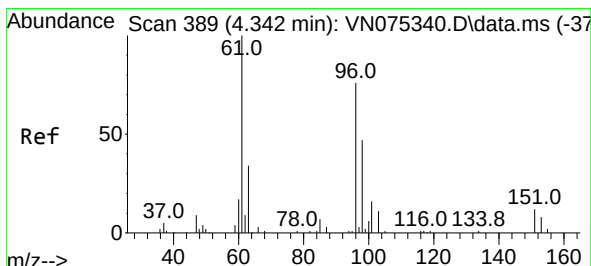
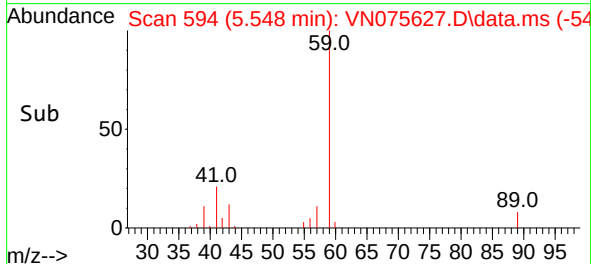
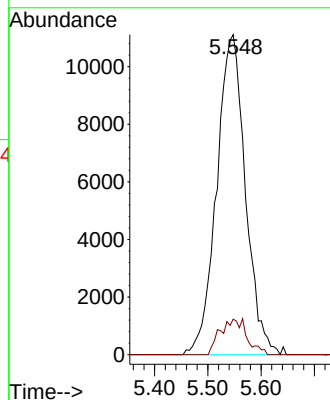
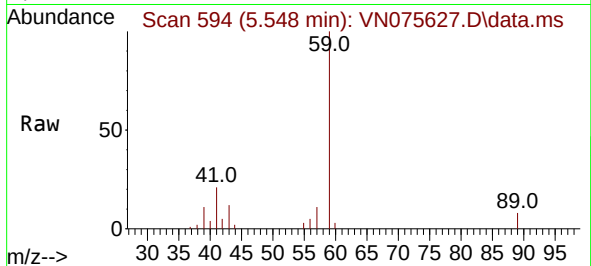
#11
Tert butyl alcohol
Concen: 95.370 ug/l
RT: 5.548 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 59 Resp: 4169
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

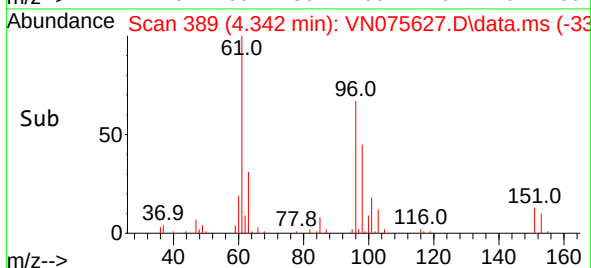
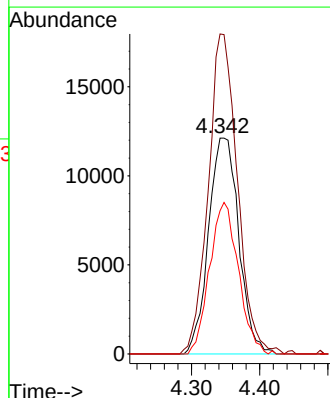
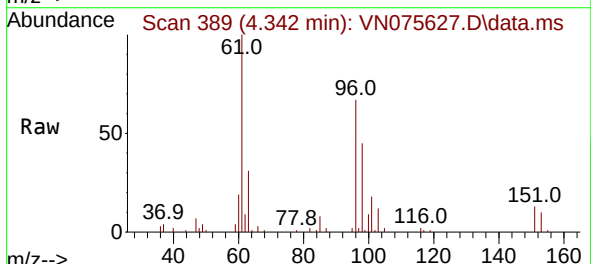
Manual Integrations
APPROVED

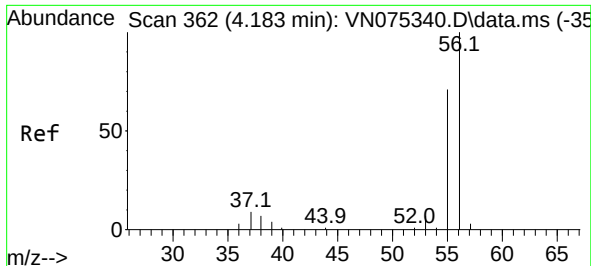
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 20.854 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

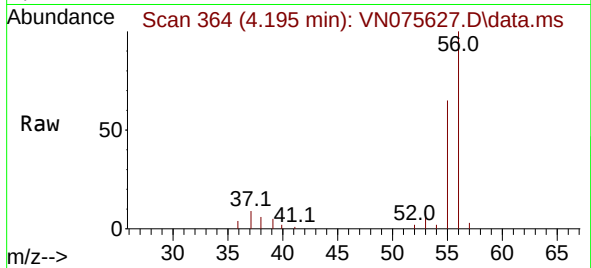
Tgt Ion: 96 Resp: 37465
Ion Ratio Lower Upper
96 100
61 148.3 126.2 189.4
98 66.3 51.5 77.3





#13
Acrolein
Concen: 95.712 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.012 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

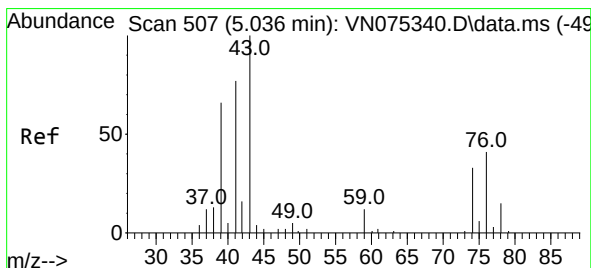
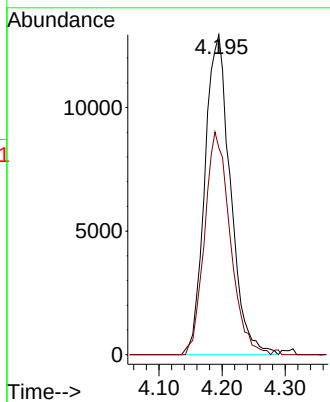
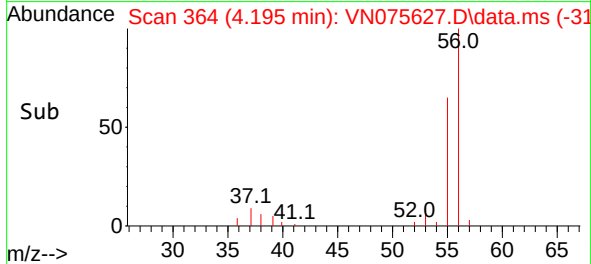
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



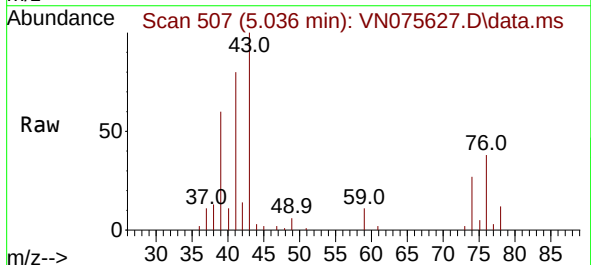
Tgt Ion: 56 Resp: 36450
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8

Manual Integrations
APPROVED

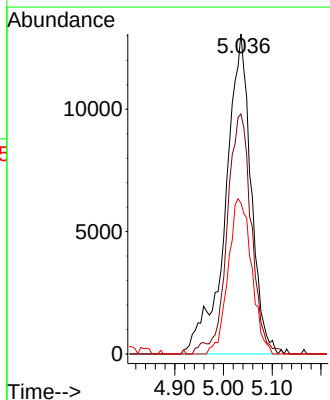
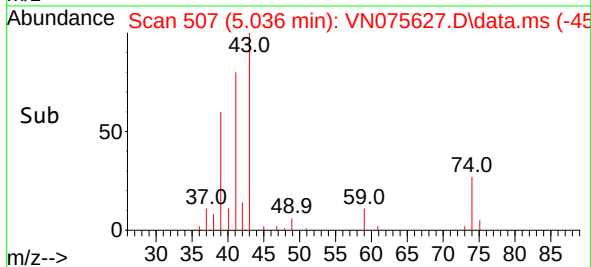
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

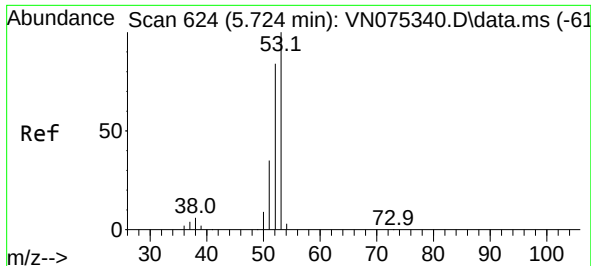


#14
Allyl chloride
Concen: 20.536 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



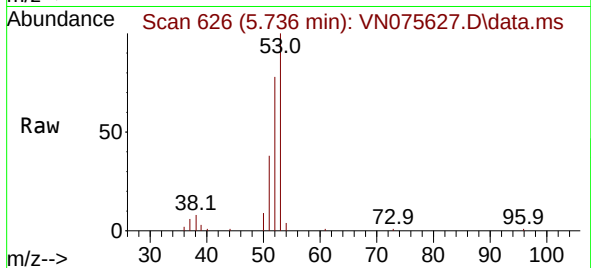
Tgt Ion: 41 Resp: 47722
Ion Ratio Lower Upper
41 100
39 71.1 61.0 91.4
76 44.2 33.4 50.0





#15
Acrylonitrile
Concen: 95.602 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

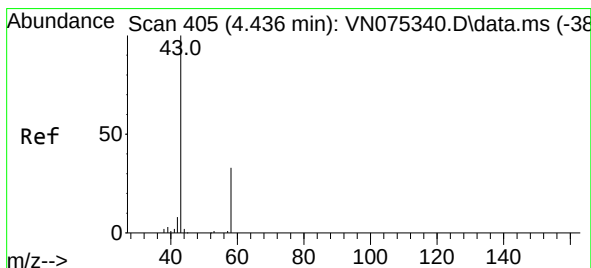
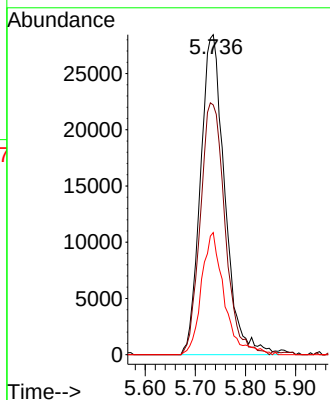
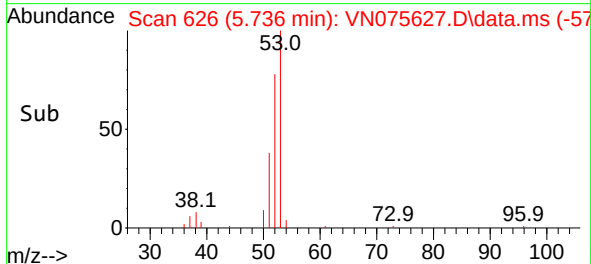
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



Tgt Ion: 53 Resp: 9588
Ion Ratio Lower Upper
53 100
52 79.8 66.4 99.6
51 36.0 29.6 44.4

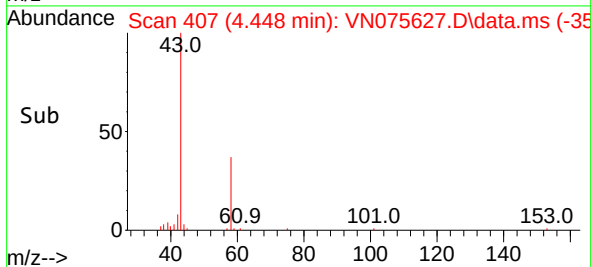
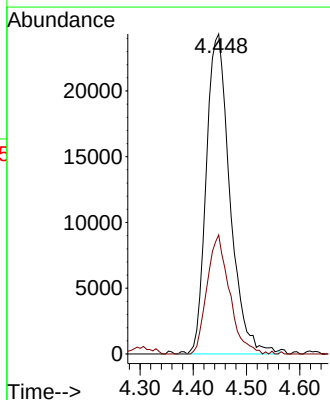
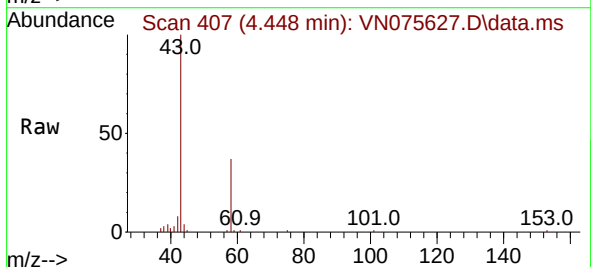
Manual Integrations
APPROVED

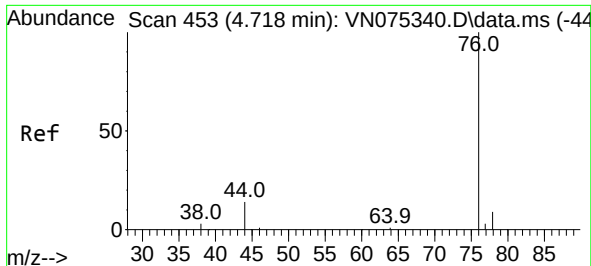
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Acetone
Concen: 77.338 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

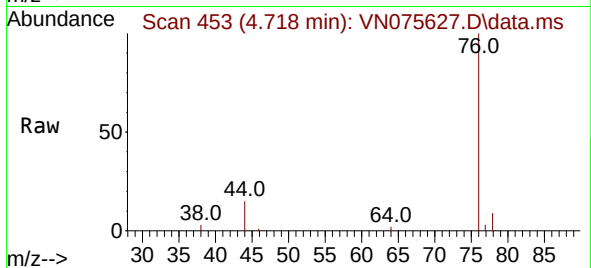
Tgt Ion: 43 Resp: 75121
Ion Ratio Lower Upper
43 100
58 37.2 25.5 38.3





#17
Carbon Disulfide
Concen: 20.111 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

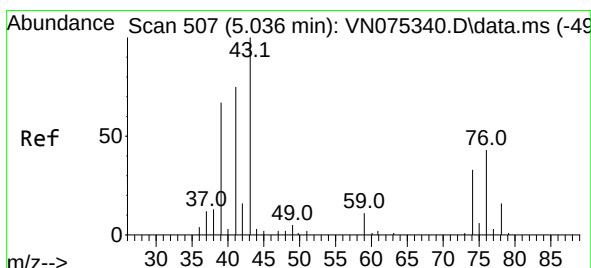
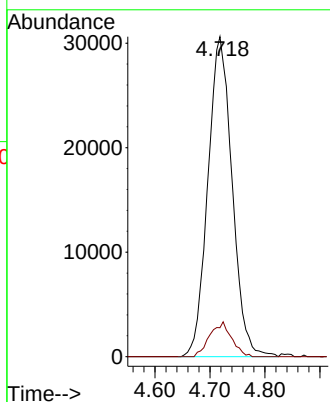
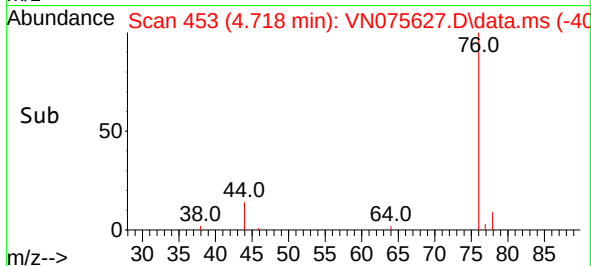
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



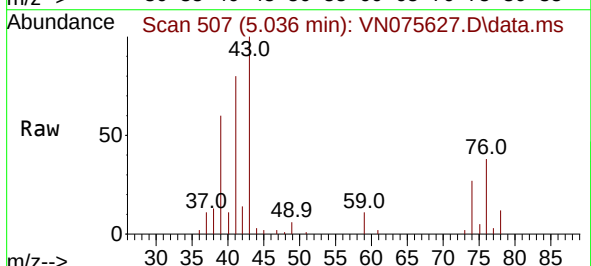
Tgt Ion: 76 Resp: 9389
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

Manual Integrations
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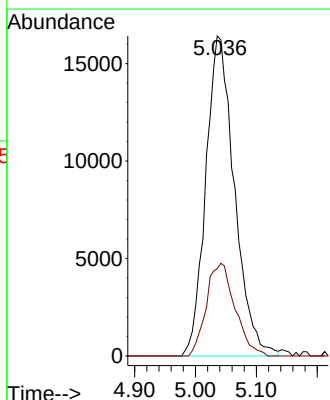
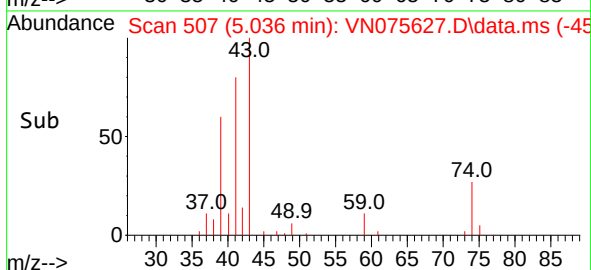
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

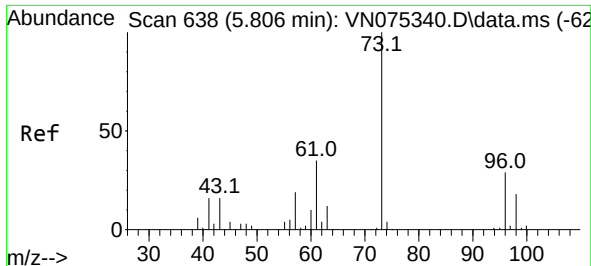


#18
Methyl Acetate
Concen: 21.154 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



Tgt Ion: 43 Resp: 53630
Ion Ratio Lower Upper
43 100
74 29.0 22.0 33.0





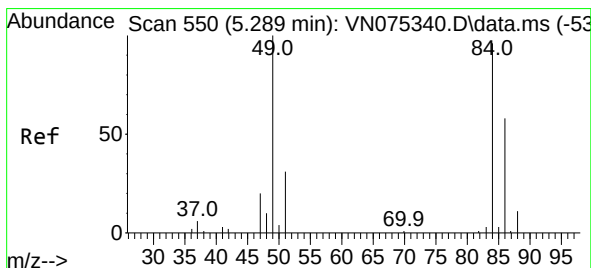
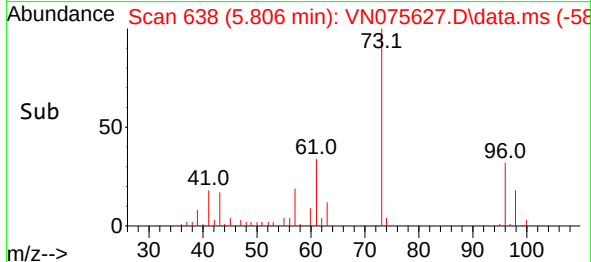
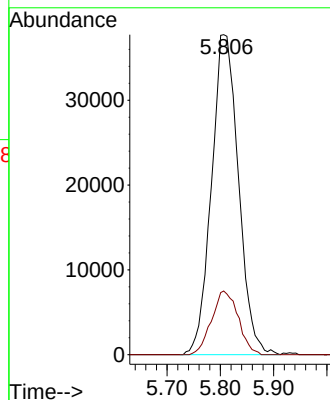
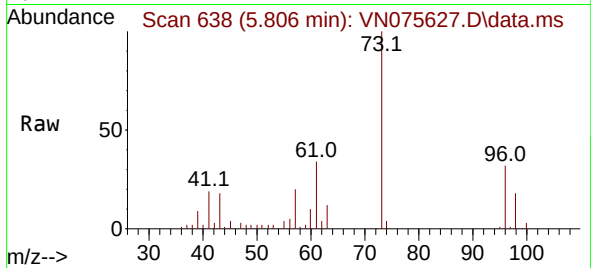
#19
Methyl tert-butyl Ether
Concen: 20.872 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 73 Resp: 13283
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5

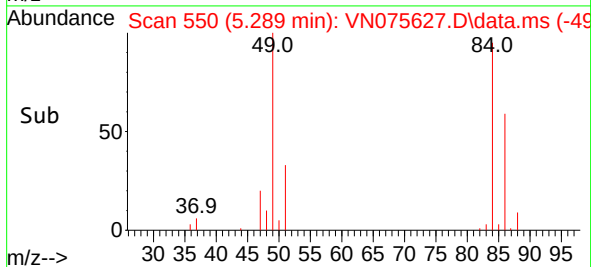
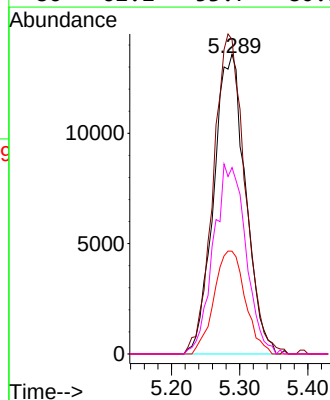
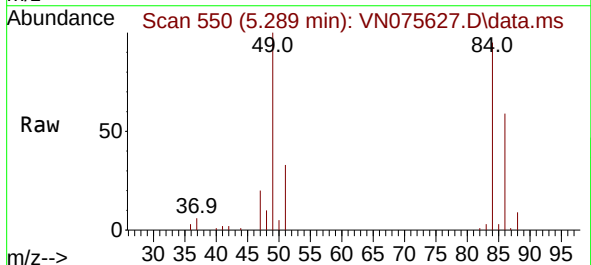
Manual Integrations
APPROVED

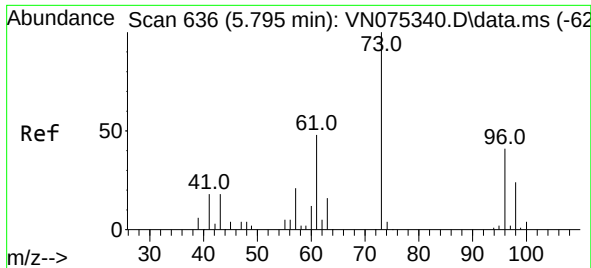
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 21.662 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion: 84 Resp: 44096
Ion Ratio Lower Upper
84 100
49 104.9 94.9 142.3
51 34.3 26.8 40.2
86 62.2 53.7 80.5





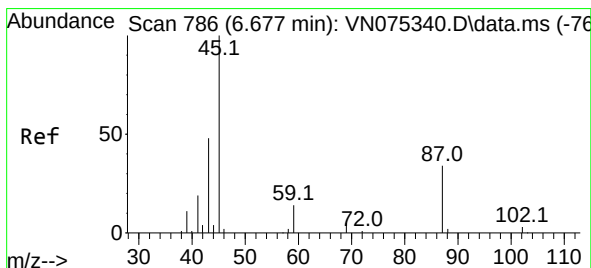
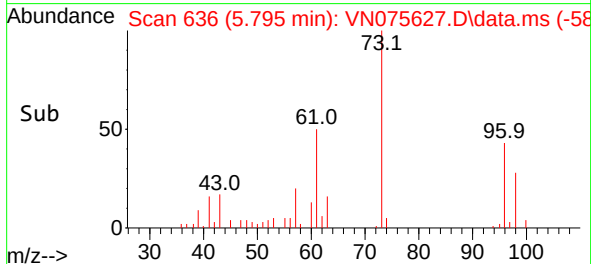
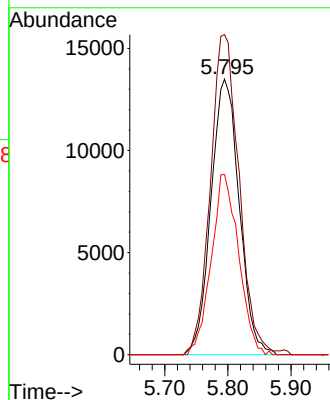
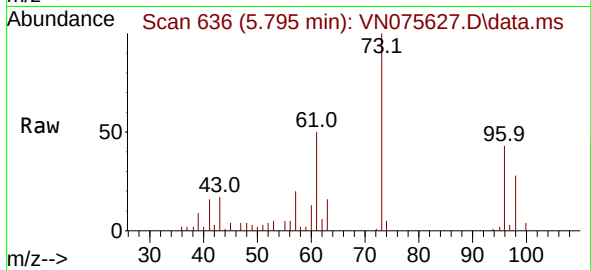
#21
trans-1,2-Dichloroethene
Concen: 20.501 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 96 Resp: 41974
Ion Ratio Lower Upper
96 100
61 116.1 99.9 149.9
98 65.4 51.5 77.3

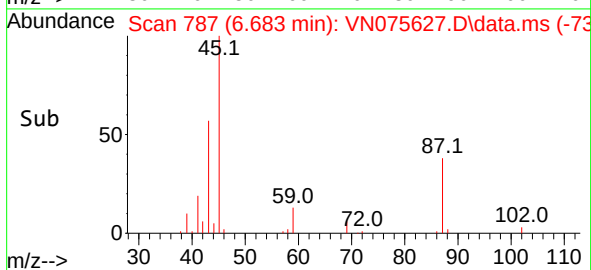
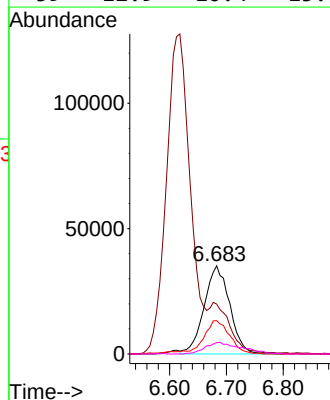
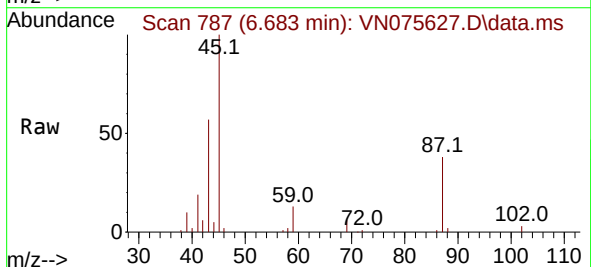
Manual Integrations
APPROVED

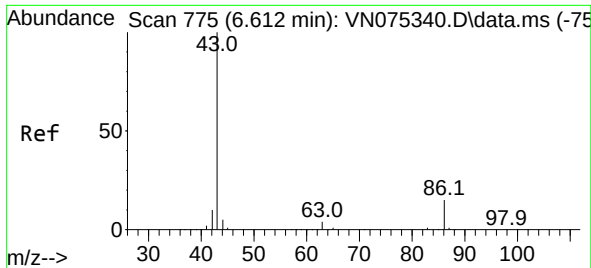
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#22
Diisopropyl ether
Concen: 20.655 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion: 45 Resp: 109535
Ion Ratio Lower Upper
45 100
43 55.4 42.8 64.2
87 37.8 28.4 42.6
59 12.9 10.4 15.6





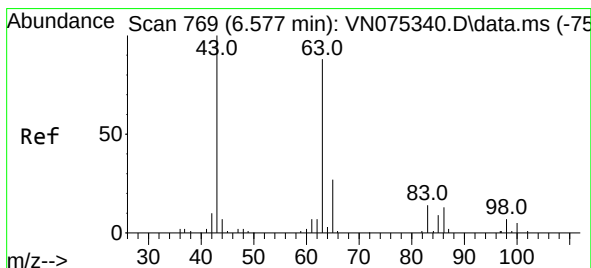
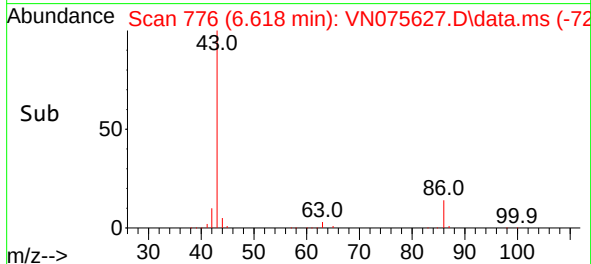
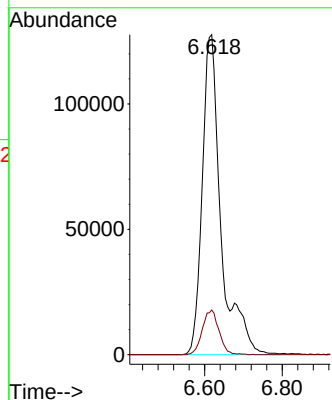
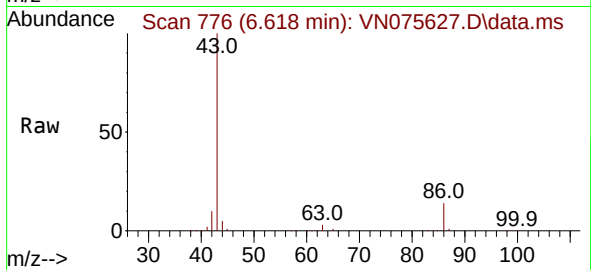
#23
 Vinyl Acetate
 Concen: 101.291 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Tgt Ion: 43 Resp: 427334
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

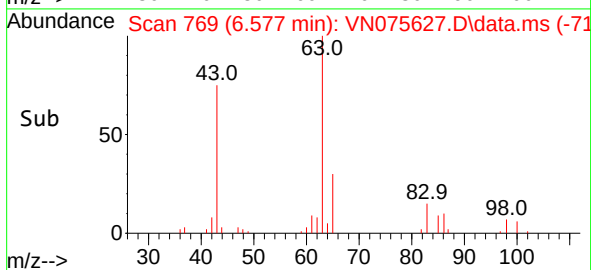
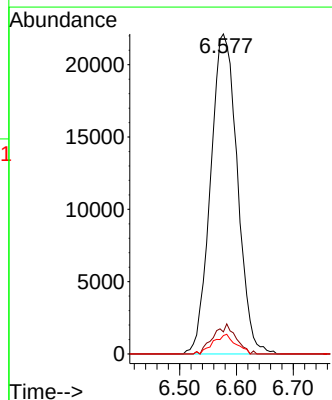
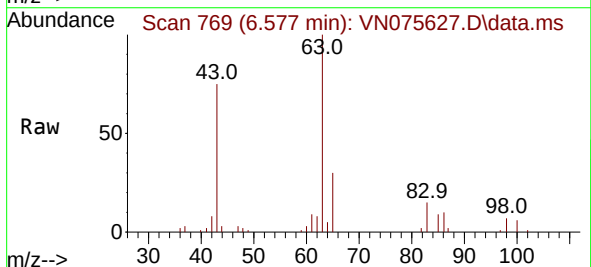
Manual Integrations
 APPROVED

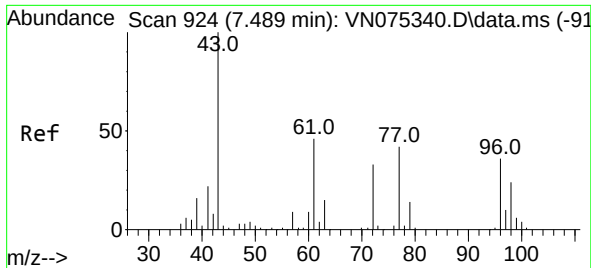
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#24
 1,1-Dichloroethane
 Concen: 21.297 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

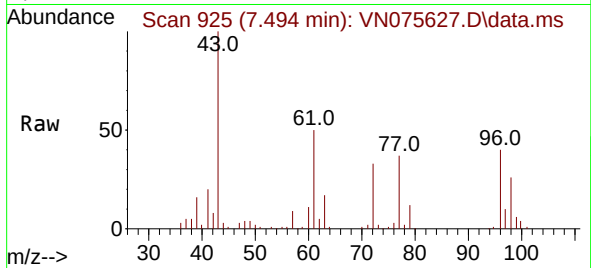
Tgt Ion: 63 Resp: 72493
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 5.8 2.4 7.2





#25
2-Butanone
Concen: 89.801 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

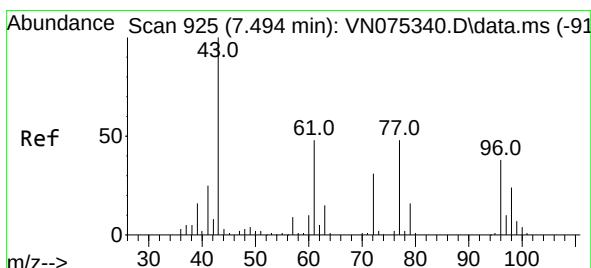
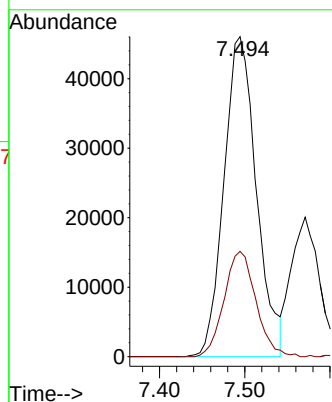
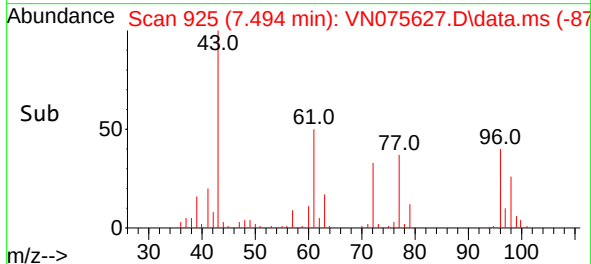
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



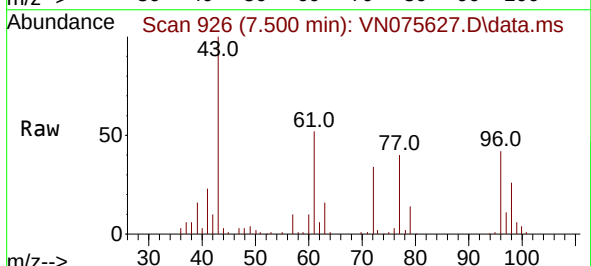
Tgt Ion: 43 Resp: 121780
Ion Ratio Lower Upper
43 100
72 32.9 25.5 38.3

Manual Integrations
APPROVED

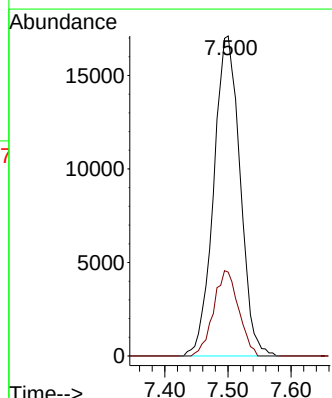
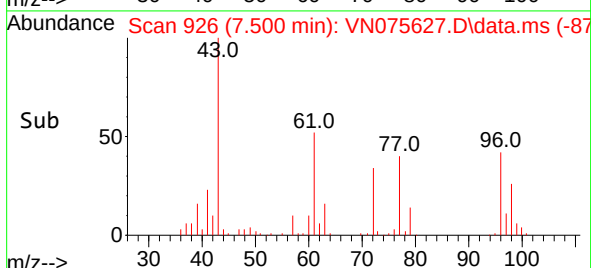
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

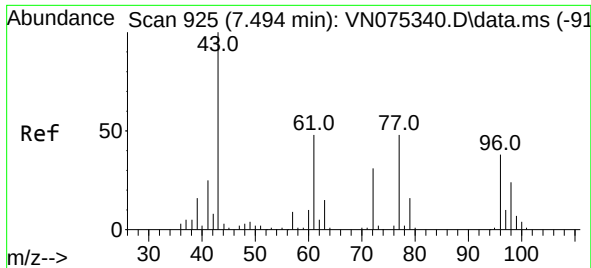


#26
2,2-Dichloropropane
Concen: 15.697 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



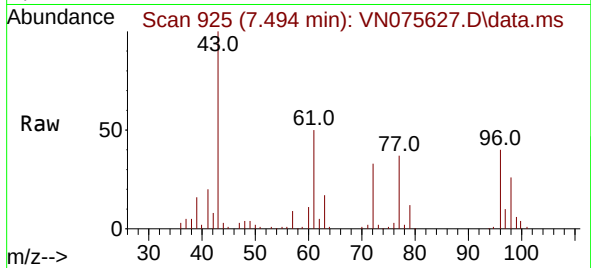
Tgt Ion: 77 Resp: 49656
Ion Ratio Lower Upper
77 100
97 25.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.588 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

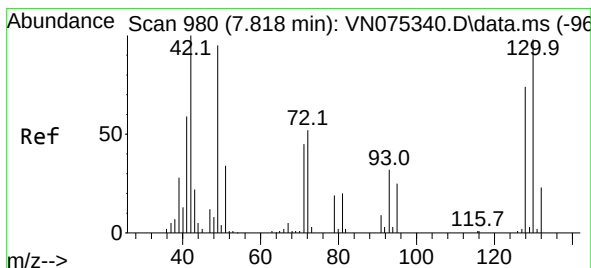
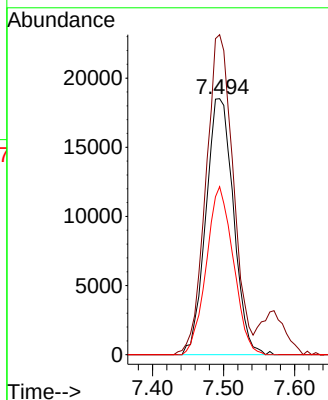
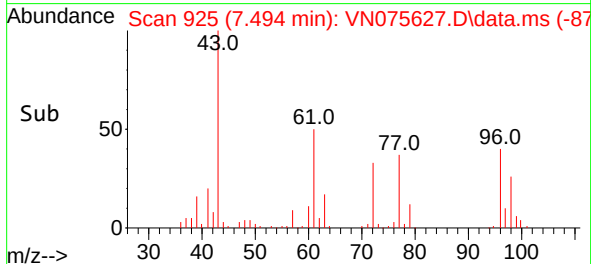
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02



Tgt Ion: 96 Resp: 49979
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 278.8
 98 64.2 0.0 128.4

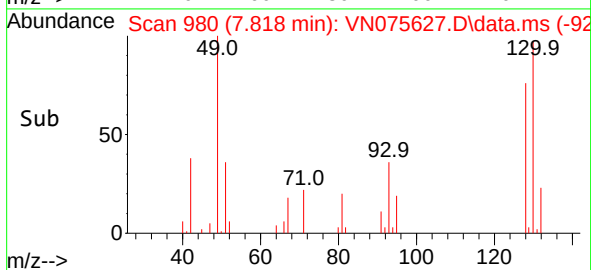
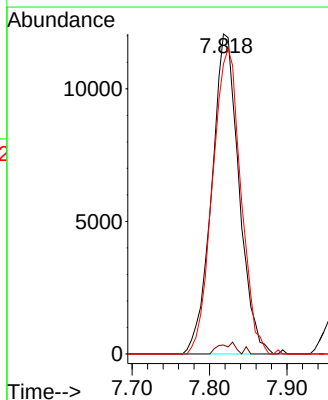
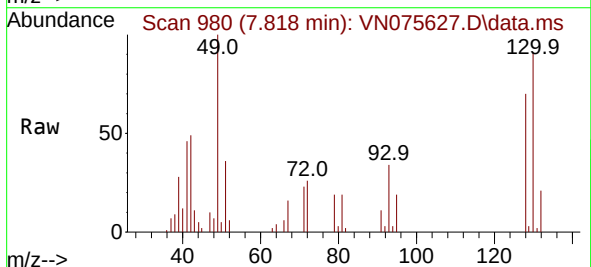
Manual Integrations
 APPROVED

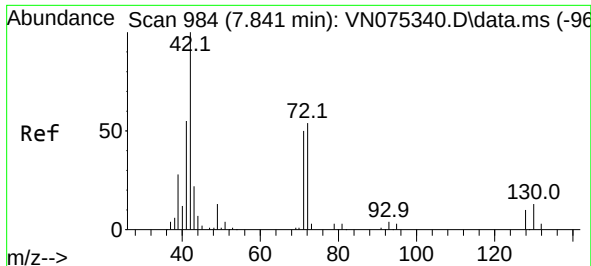
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#28
 Bromochloromethane
 Concen: 21.380 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

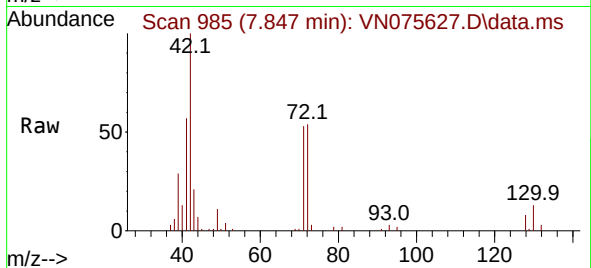
Tgt Ion: 49 Resp: 29540
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 98.8 66.2 99.4





#29
Tetrahydrofuran
Concen: 95.478 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

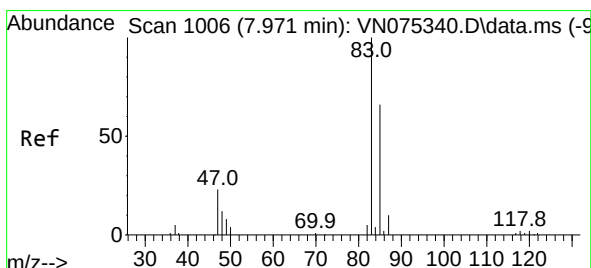
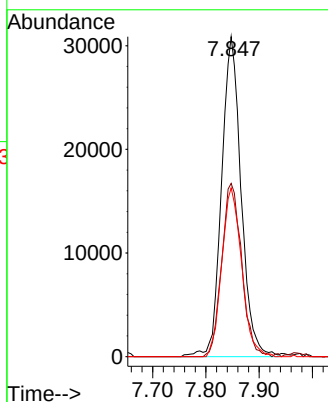
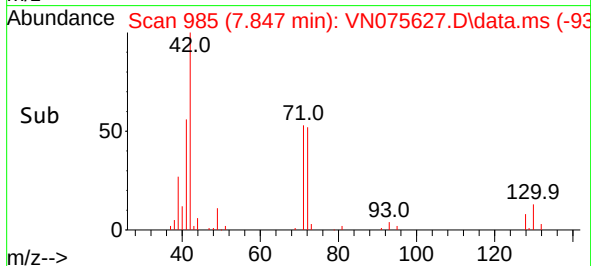
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



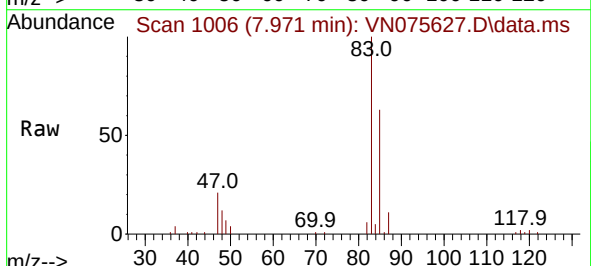
Tgt Ion: 42 Resp: 7875
Ion Ratio Lower Upper
42 100
72 55.1 43.0 64.6
71 53.4 39.9 59.9

Manual Integrations
APPROVED

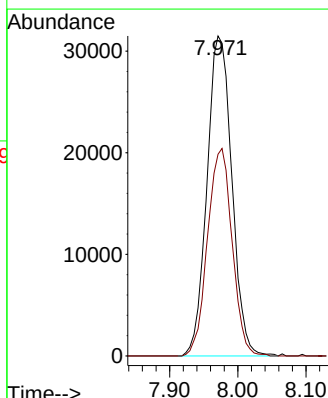
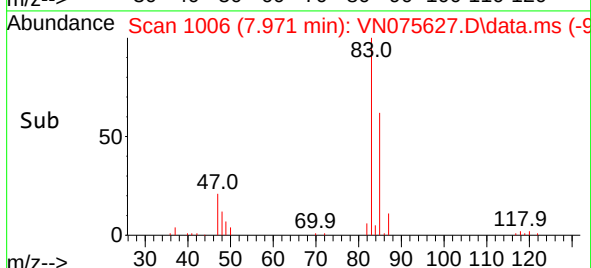
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

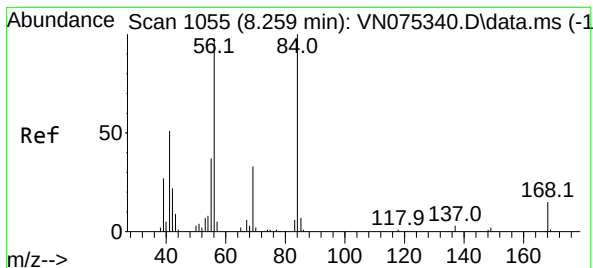


#30
Chloroform
Concen: 20.473 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



Tgt Ion: 83 Resp: 80028
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0





#31

Cyclohexane

Concen: 19.665 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

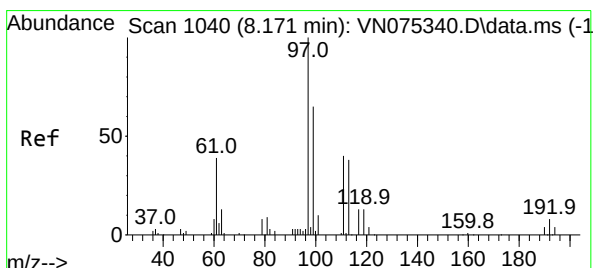
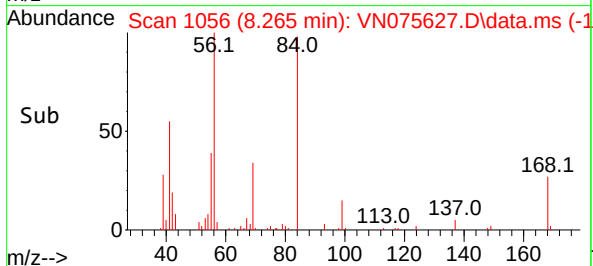
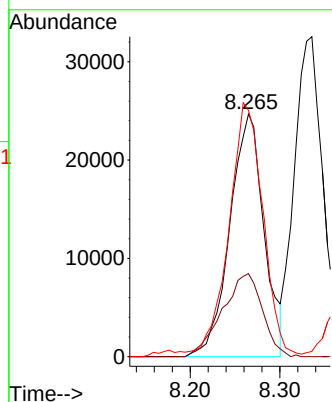
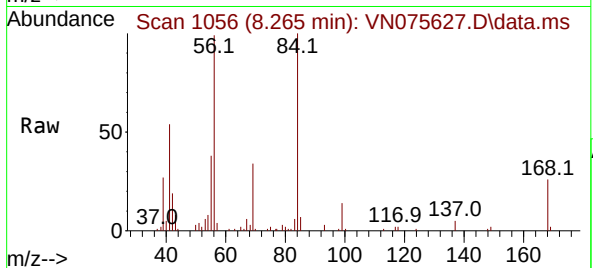
Tgt Ion:	56	Resp:	65064
Ion Ratio	Lower	Upper	
56	100		
69	34.2	25.2	37.8
84	99.3	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#32

1,1,1-Trichloroethane

Concen: 20.584 ug/l

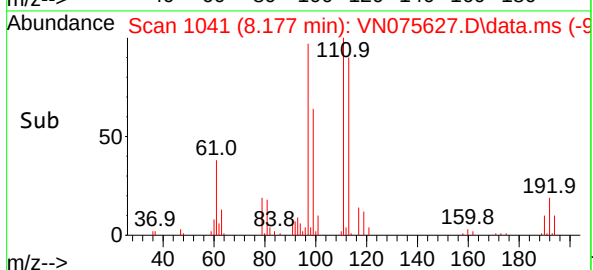
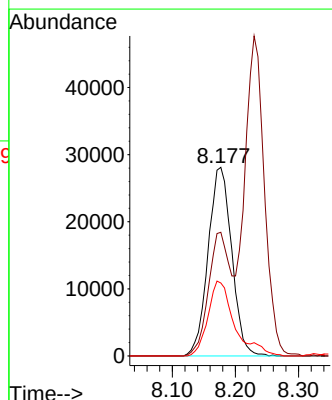
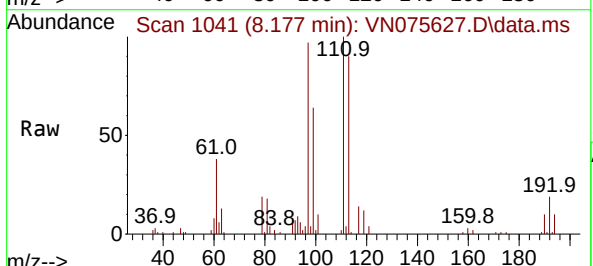
RT: 8.177 min Scan# 1041

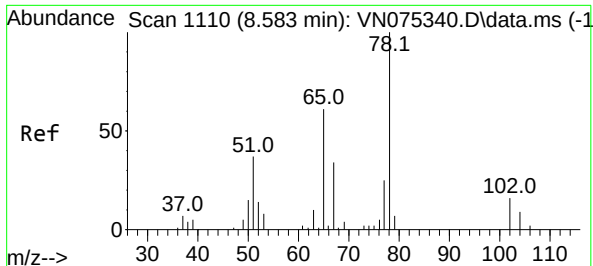
Delta R.T. 0.006 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Tgt Ion:	97	Resp:	73057
Ion Ratio	Lower	Upper	
97	100		
99	64.3	50.2	75.2
61	44.4	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 48.382 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 65 Resp: 5038

Ion Ratio Lower Upper

65 100

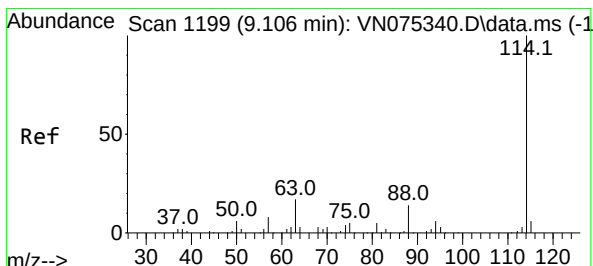
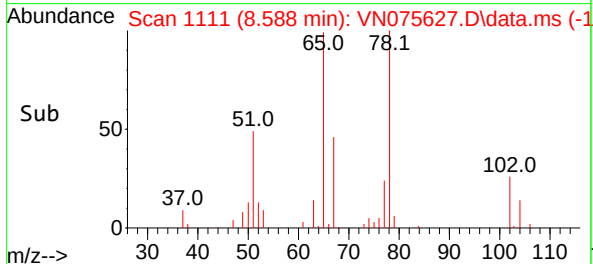
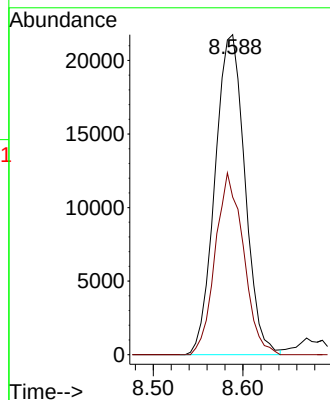
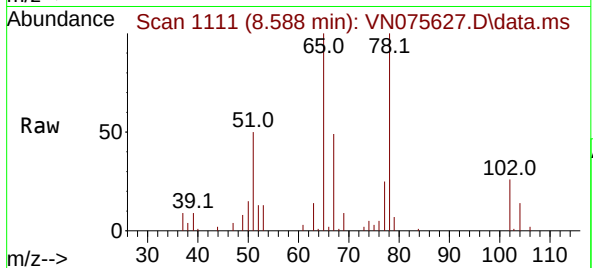
67 53.7 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

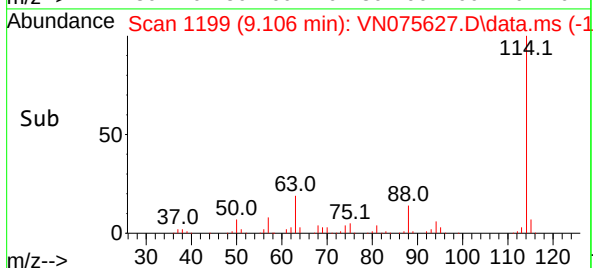
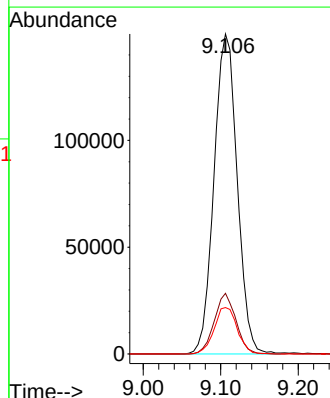
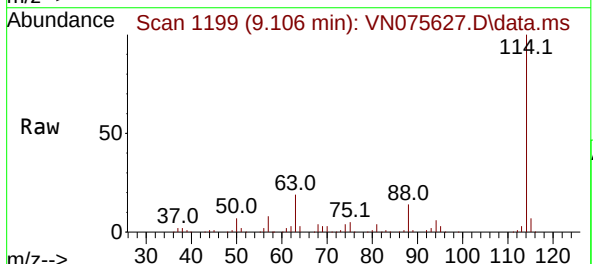
Tgt Ion:114 Resp: 312286

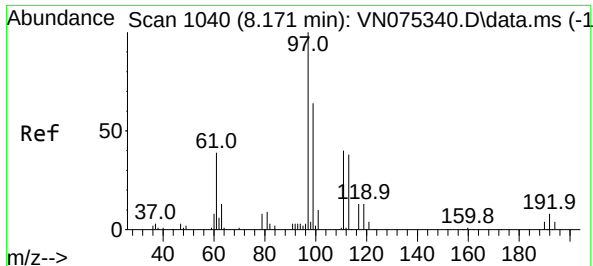
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.562 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 113 Resp: 65708

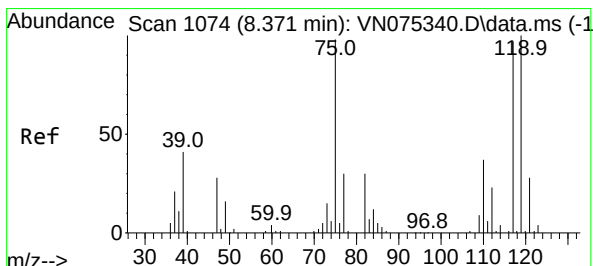
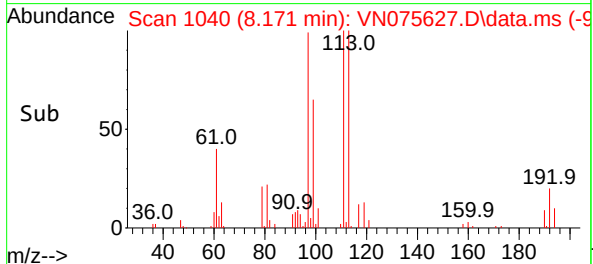
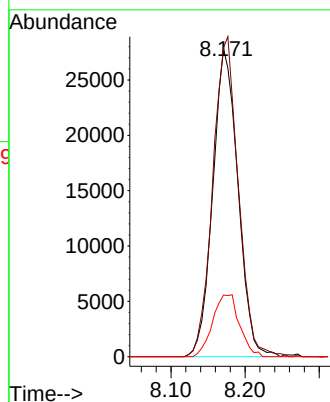
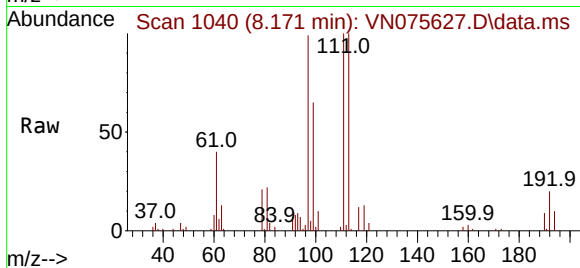
Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.5	120.7
192	21.4	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#36

1,1-Dichloropropene

Concen: 21.193 ug/l

RT: 8.377 min Scan# 1075

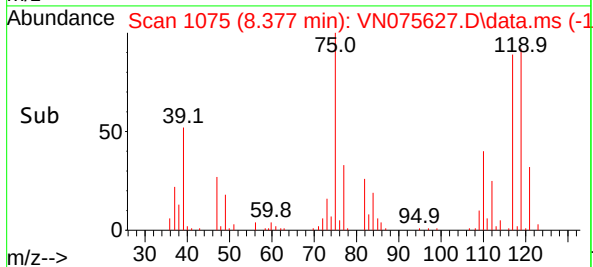
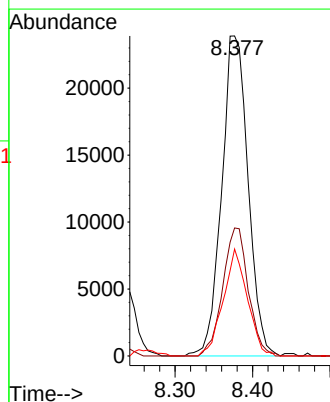
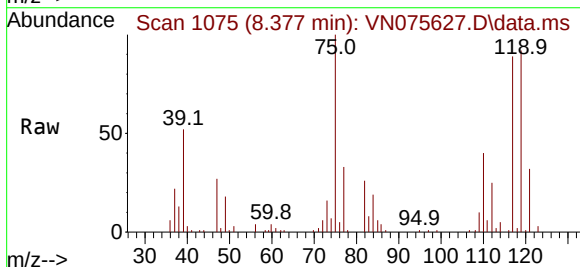
Delta R.T. 0.006 min

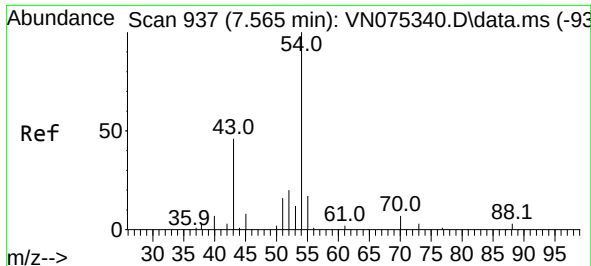
Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Tgt Ion: 75 Resp: 56696

Ion	Ratio	Lower	Upper
75	100		
110	38.8	17.8	53.3
77	30.5	24.6	37.0





#37

Ethyl Acetate

Concen: 20.292 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

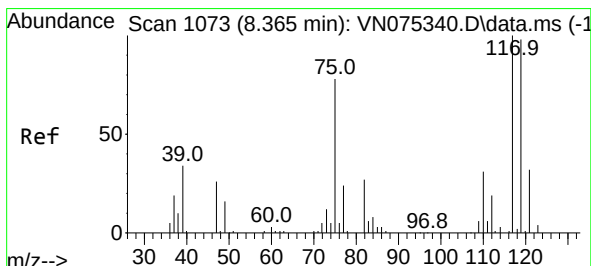
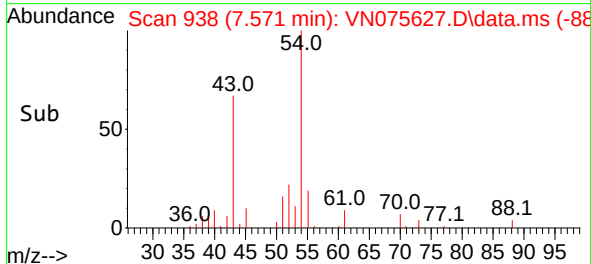
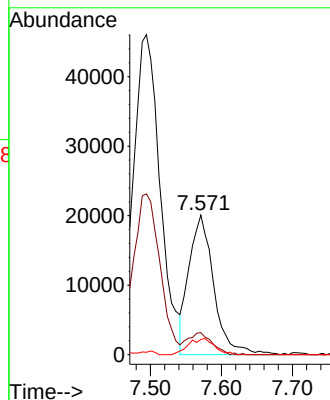
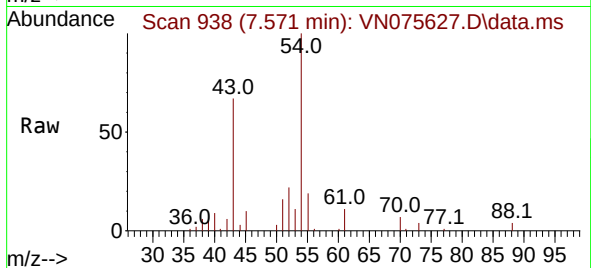
VN1207SBS02

Tgt Ion: 43 Resp: 4888

Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.2	18.4
70	12.0	9.4	14.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#38

Carbon Tetrachloride

Concen: 21.963 ug/l

RT: 8.365 min Scan# 1073

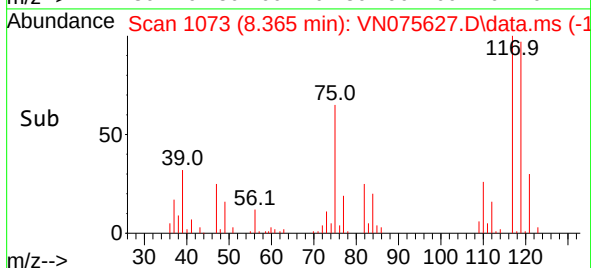
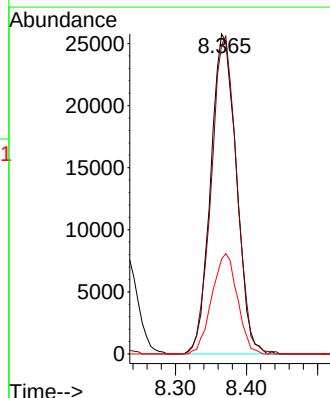
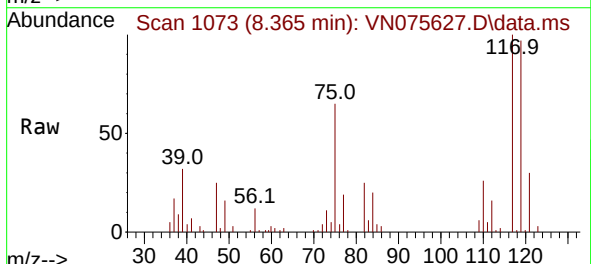
Delta R.T. -0.000 min

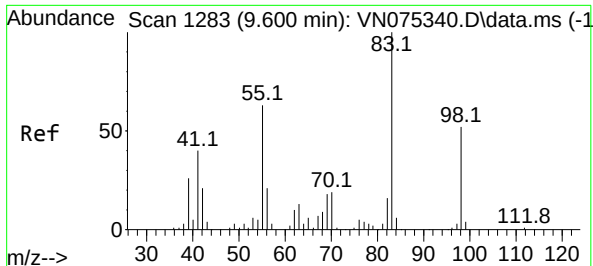
Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Tgt Ion: 117 Resp: 64547

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.7	115.1
121	29.7	23.9	35.9





#39

Methylcyclohexane

Concen: 21.661 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 83 Resp: 7252

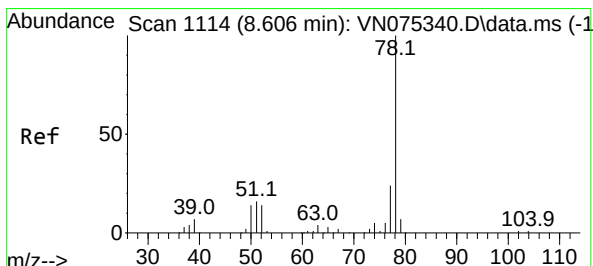
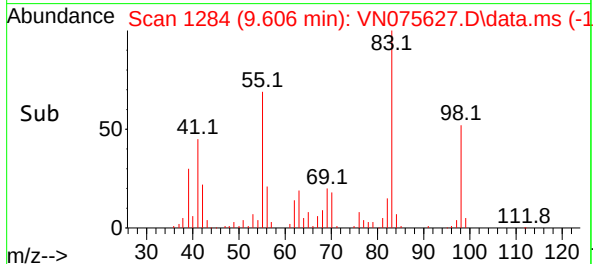
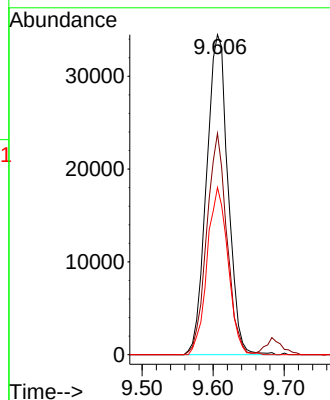
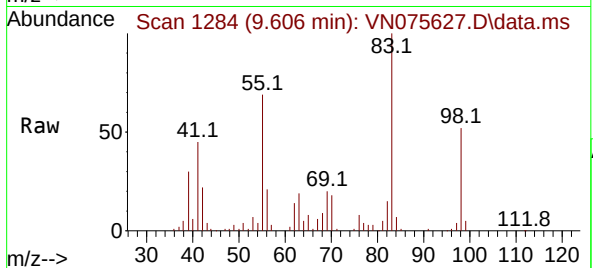
Ion	Ratio	Lower	Upper
83	100		
55	69.1	53.6	80.4
98	52.3	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

Benzene

Concen: 21.475 ug/l

RT: 8.612 min Scan# 1115

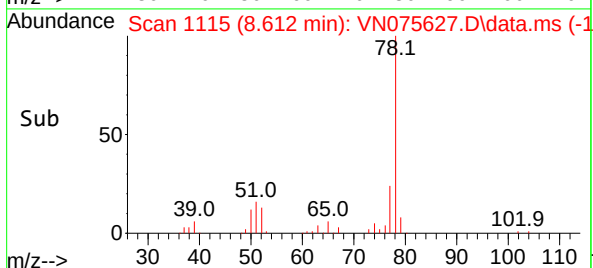
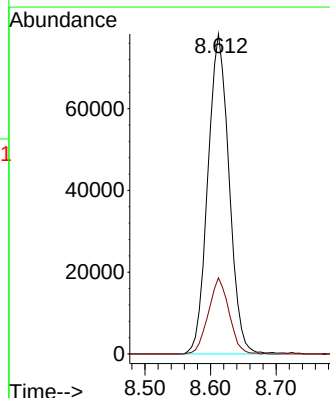
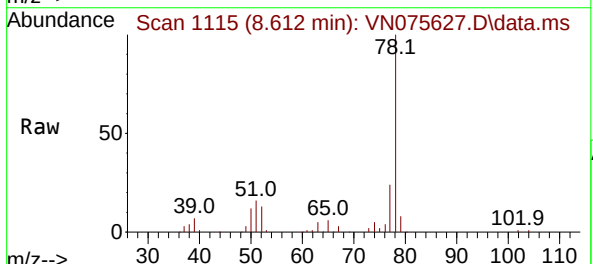
Delta R.T. 0.006 min

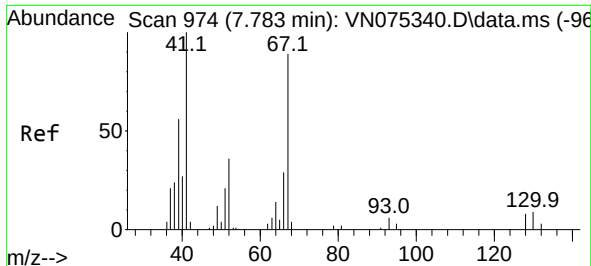
Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Tgt Ion: 78 Resp: 175900

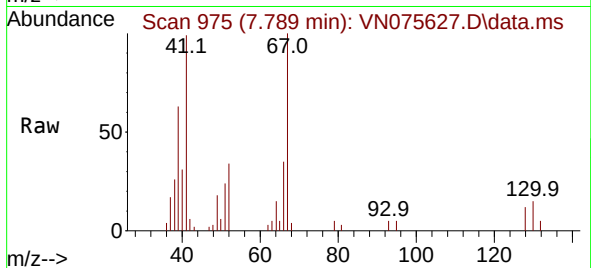
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





#41
Methacrylonitrile
Concen: 19.942 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

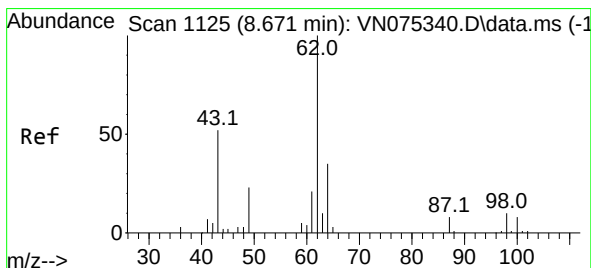
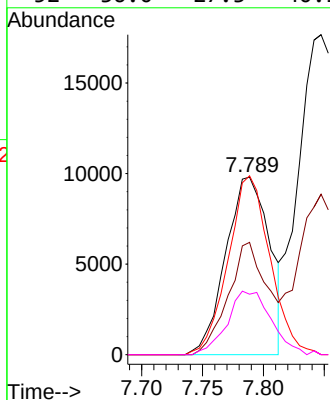
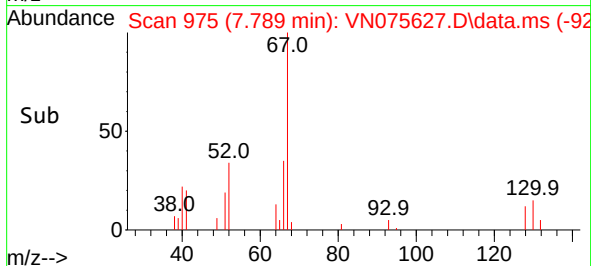
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



Tgt Ion:	41	Resp:	2456
Ion Ratio	100	Lower	Upper
41	100		
39	56.5	44.4	66.6
67	96.3	69.8	104.6
52	36.0	27.3	40.9

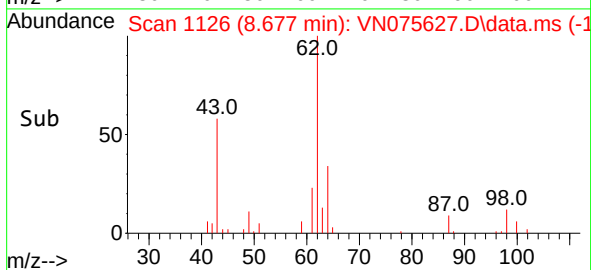
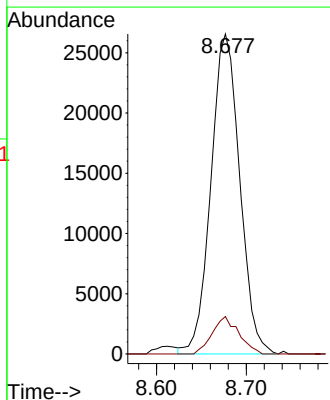
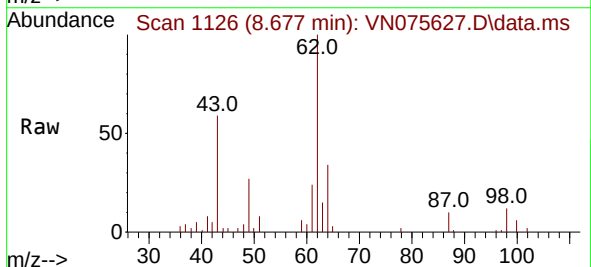
Manual Integrations
APPROVED

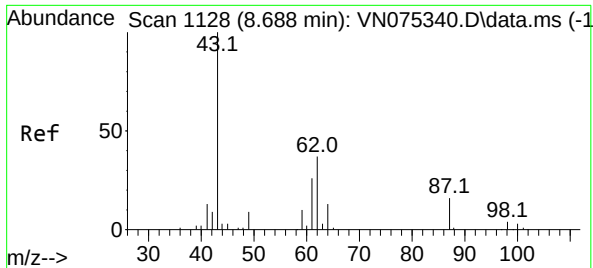
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#42
1,2-Dichloroethane
Concen: 21.577 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion:	62	Resp:	59191
Ion Ratio	100	Lower	Upper
62	100		
98	10.7	0.0	18.2





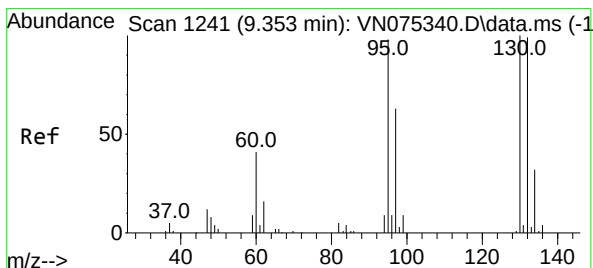
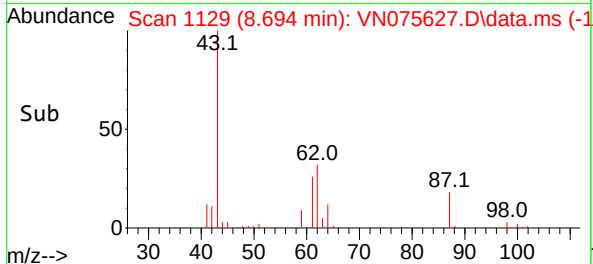
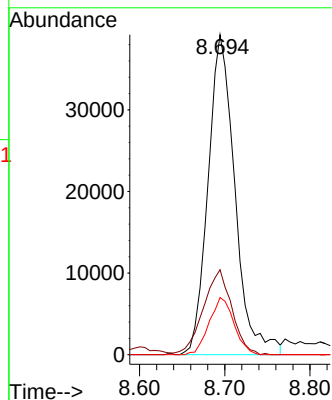
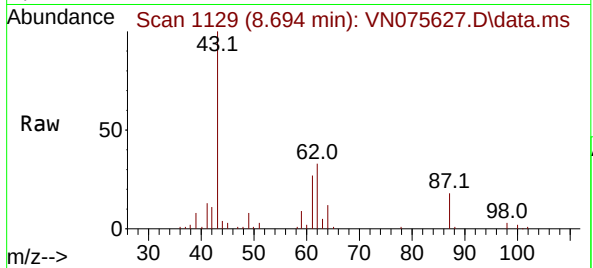
#43
Isopropyl Acetate
Concen: 22.222 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 43 Resp: 85924
Ion Ratio Lower Upper
43 100
61 28.2 22.4 33.6
87 16.5 12.5 18.7

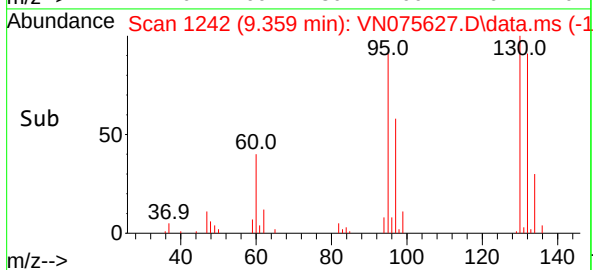
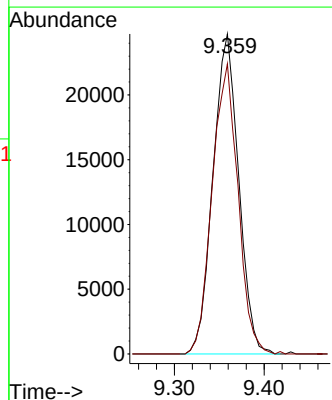
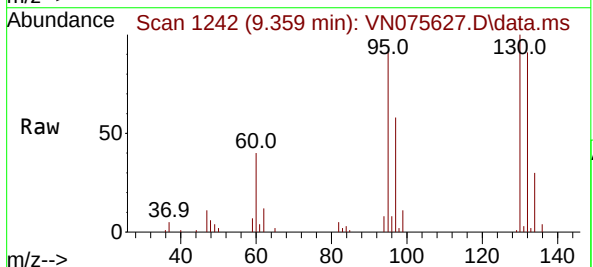
Manual Integrations
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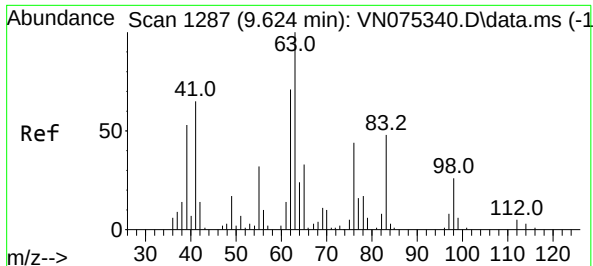
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#44
Trichloroethene
Concen: 21.915 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion:130 Resp: 49117
Ion Ratio Lower Upper
130 100
95 90.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.669 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 63 Resp: 4229

Ion Ratio Lower Upper

63 100

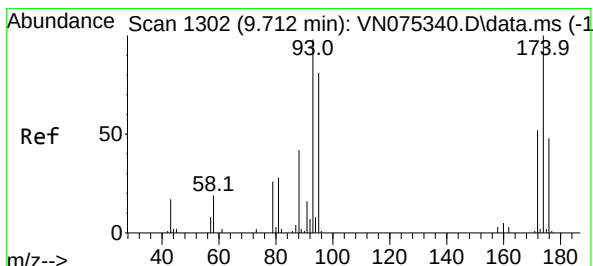
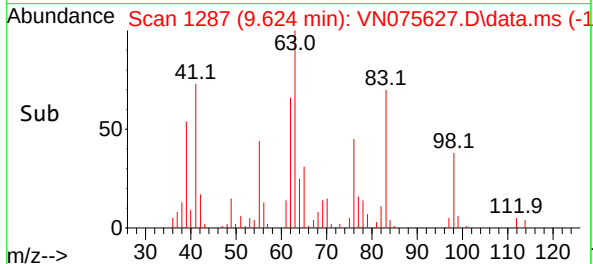
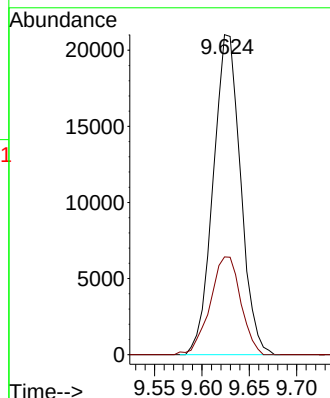
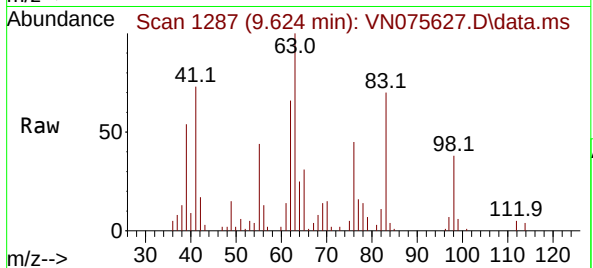
65 30.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 22.327 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

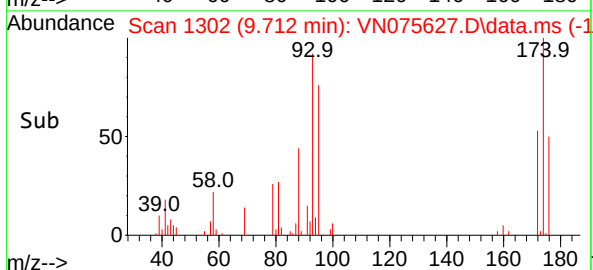
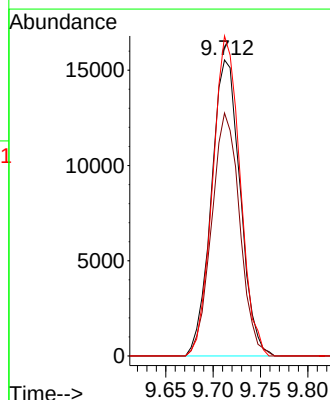
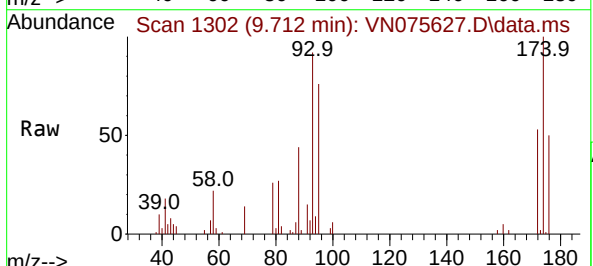
Tgt Ion: 93 Resp: 32963

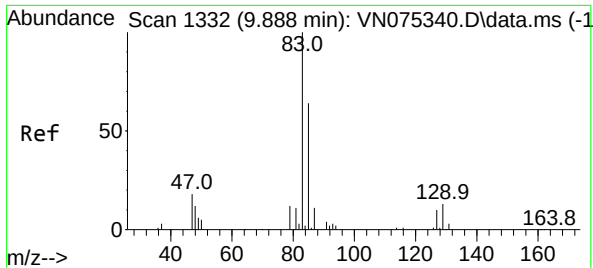
Ion Ratio Lower Upper

93 100

95 79.7 66.6 99.8

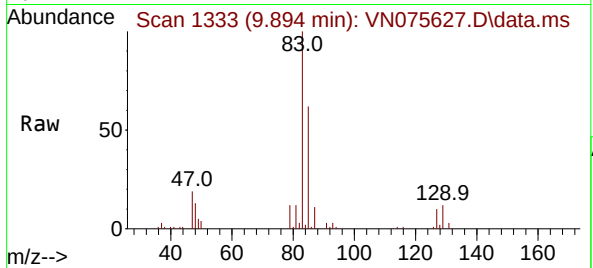
174 102.4 70.3 105.5





#47
Bromodichloromethane
Concen: 21.857 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

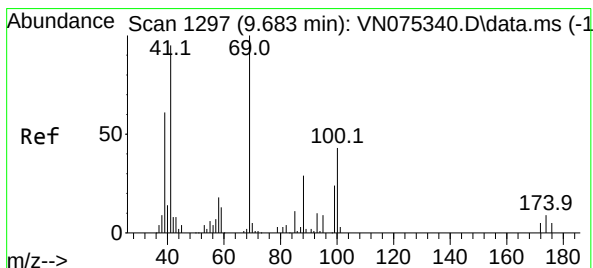
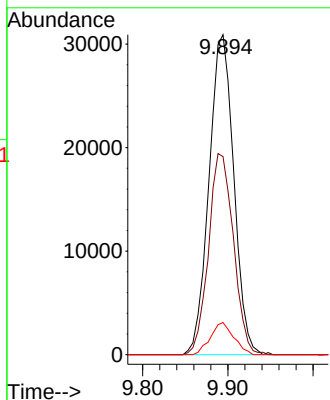
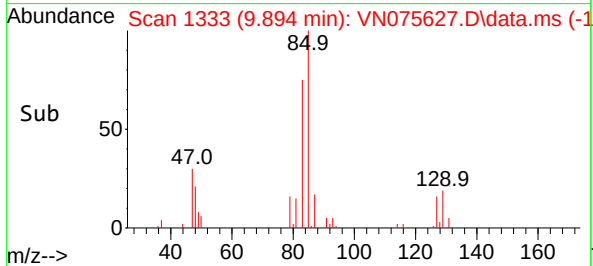
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



Tgt Ion: 83 Resp: 6249
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1
127 10.0 6.6 10.0

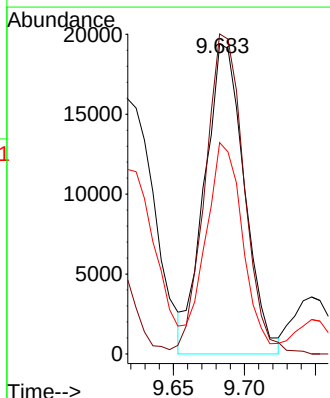
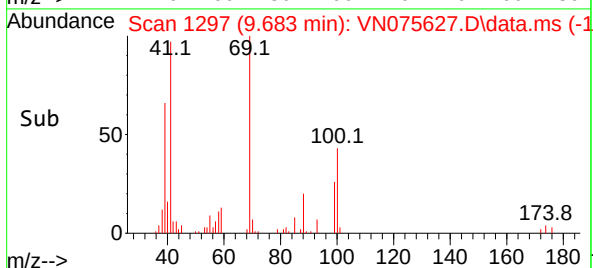
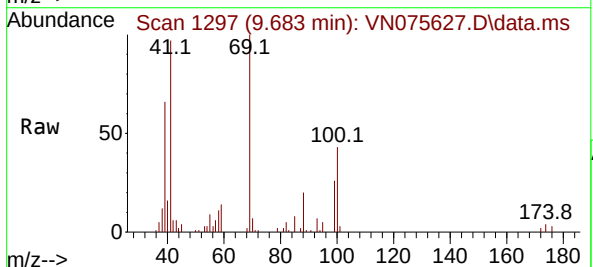
Manual Integrations
APPROVED

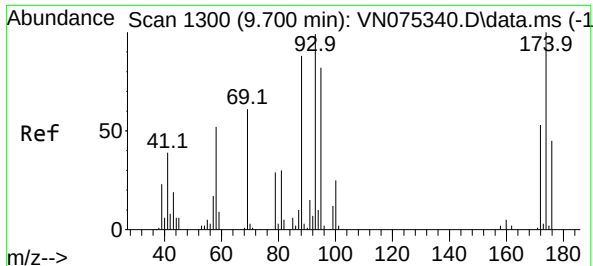
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#48
Methyl methacrylate
Concen: 21.166 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion: 41 Resp: 37843
Ion Ratio Lower Upper
41 100
69 101.0 80.2 120.2
39 64.8 56.2 84.2





#49

1,4-Dioxane

Concen: 401.768 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 88 Resp: 2039

Ion Ratio Lower Upper

88 100

43 22.0 17.5 26.3

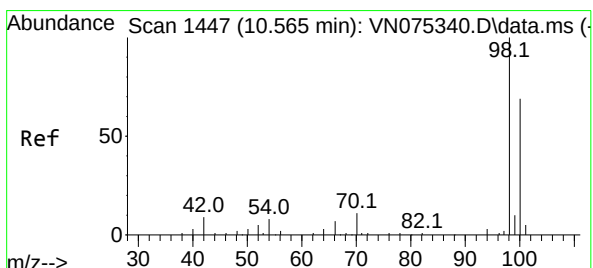
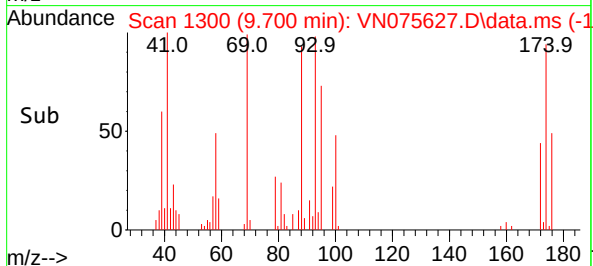
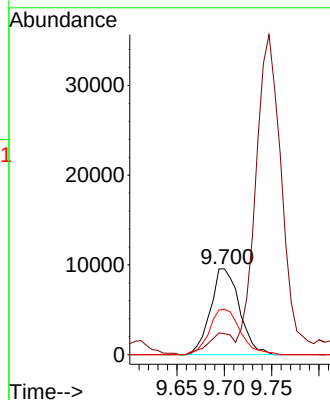
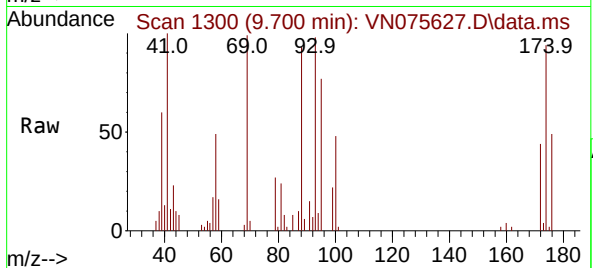
58 56.4 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 51.064 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075627.D

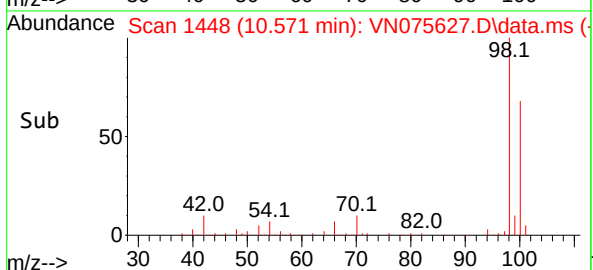
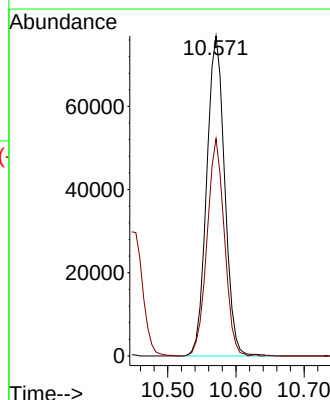
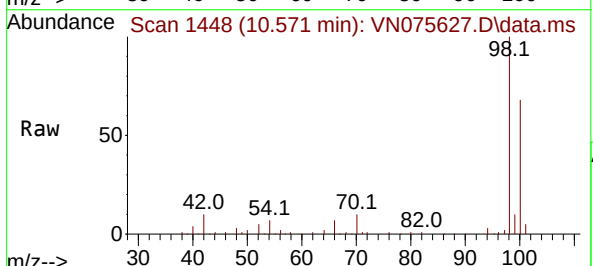
Acq: 07 Dec 2022 23:32

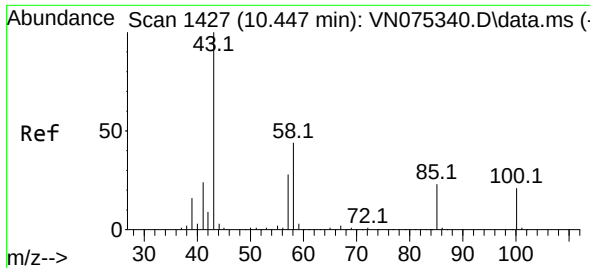
Tgt Ion: 98 Resp: 141091

Ion Ratio Lower Upper

98 100

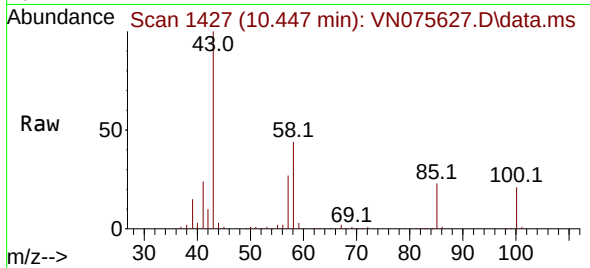
100 65.6 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 103.514 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

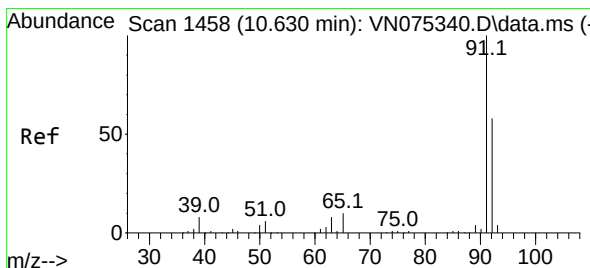
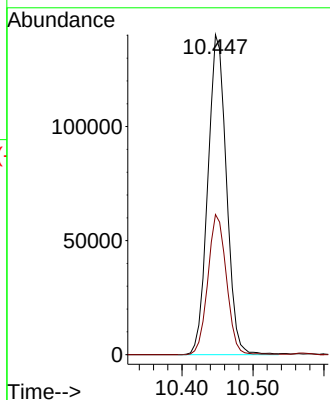
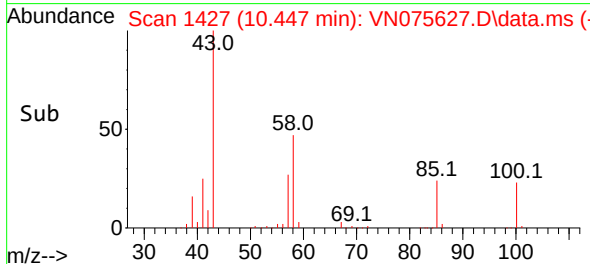
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



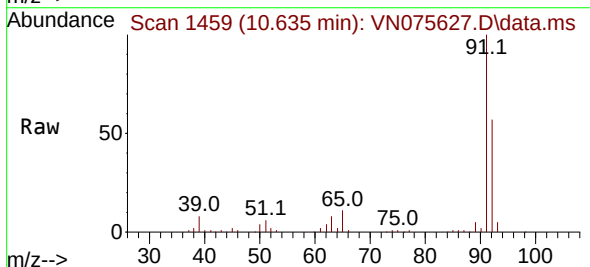
Tgt Ion: 43 Resp: 254925
Ion Ratio Lower Upper
43 100
58 43.8 33.6 50.4

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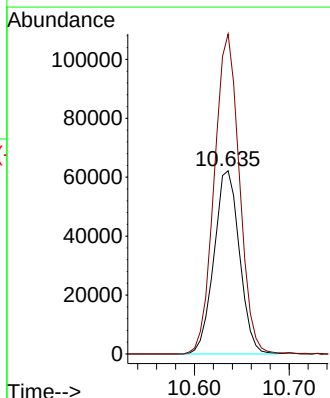
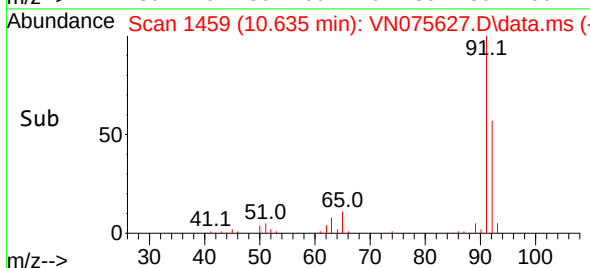
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

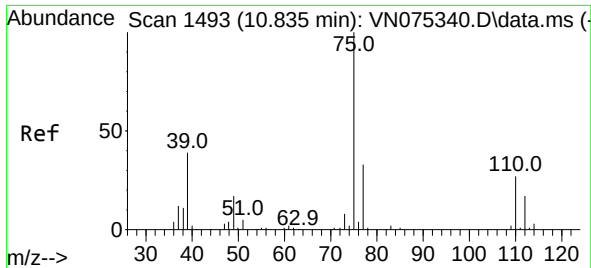


#52
Toluene
Concen: 22.036 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



Tgt Ion: 92 Resp: 116311
Ion Ratio Lower Upper
92 100
91 172.6 135.4 203.2





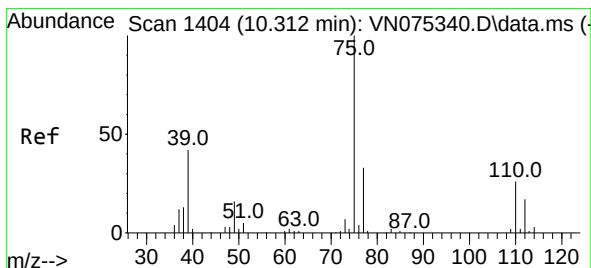
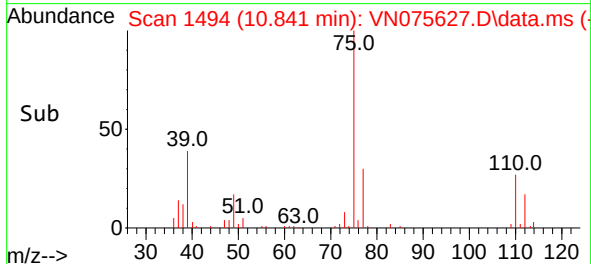
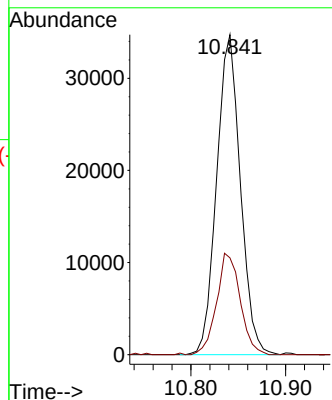
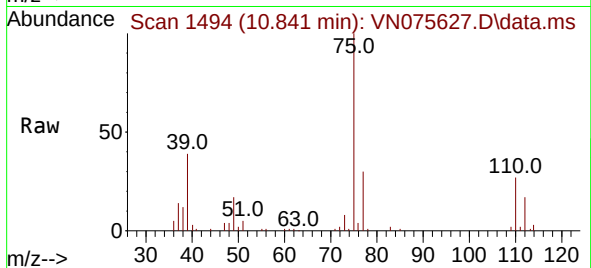
#53
 t-1,3-Dichloropropene
 Concen: 21.063 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Tgt Ion: 75 Resp: 60459
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2

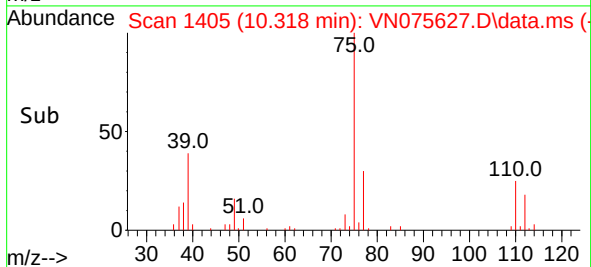
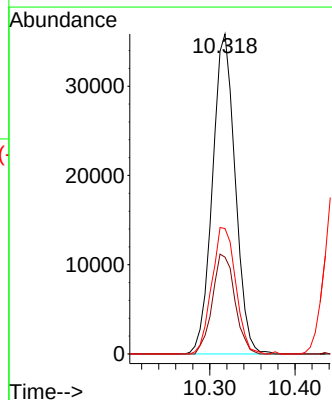
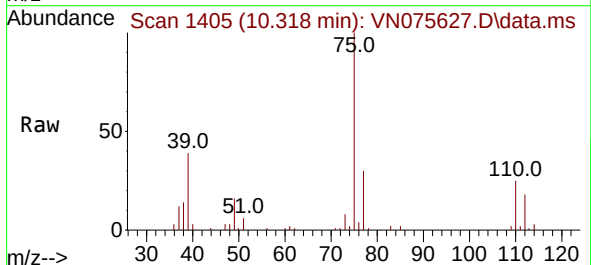
Manual Integrations
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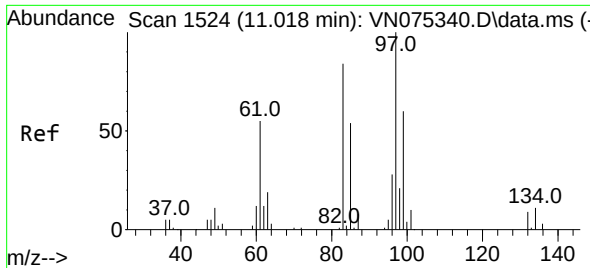
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.305 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

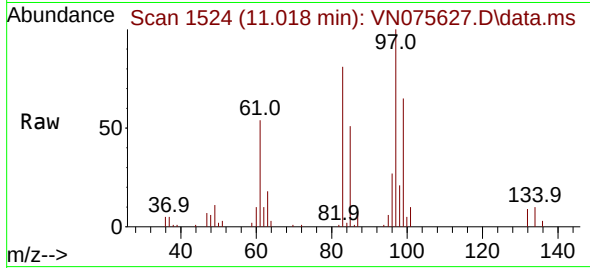
Tgt Ion: 75 Resp: 66416
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.7 35.5
 39 39.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.545 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

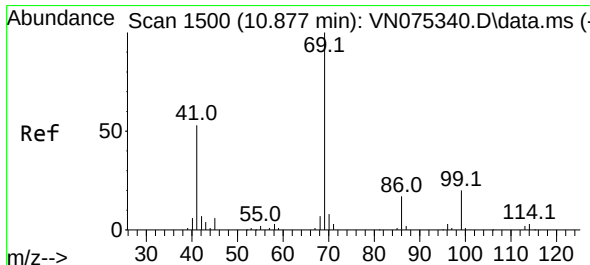
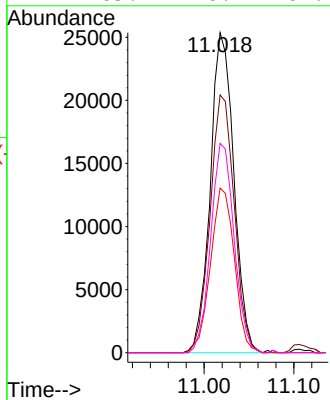
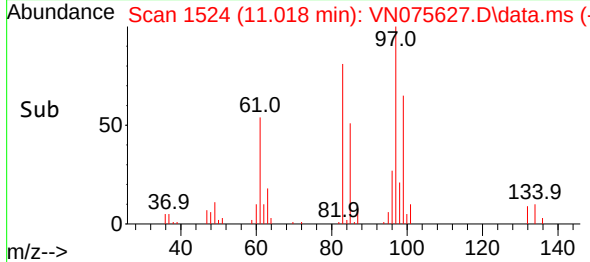


Tgt Ion: 97 Resp: 46318

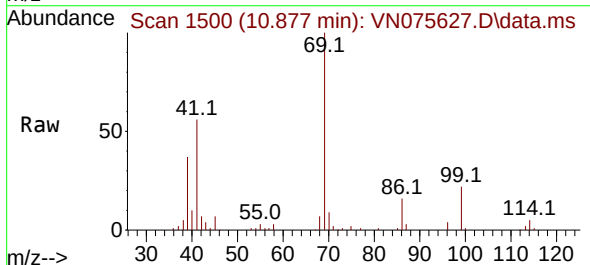
Ion	Ratio	Lower	Upper
97	100		
83	80.6	65.9	98.9
85	51.5	40.4	60.6
99	65.4	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

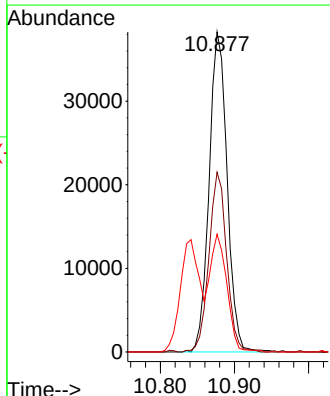
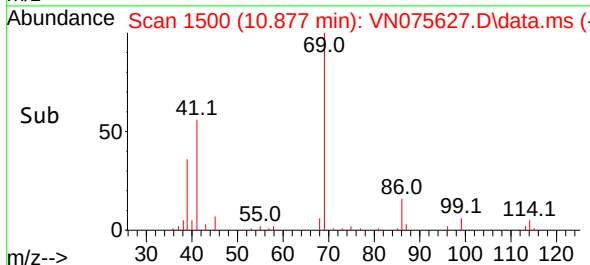


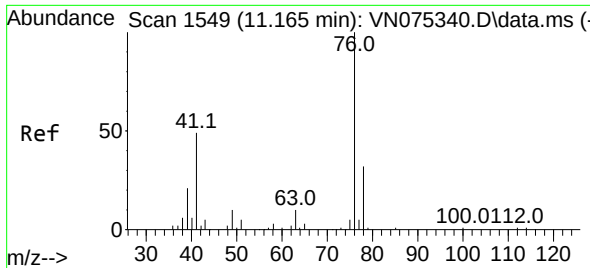
#56
Ethyl methacrylate
Concen: 22.227 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



Tgt Ion: 69 Resp: 64532

Ion	Ratio	Lower	Upper
69	100		
41	55.4	45.6	68.4
39	35.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.342 ug/l

RT: 11.165 min Scan# 111

Delta R.T. -0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 76 Resp: 7481

Ion Ratio Lower Upper

76 100

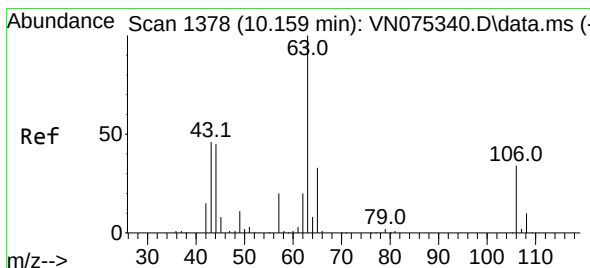
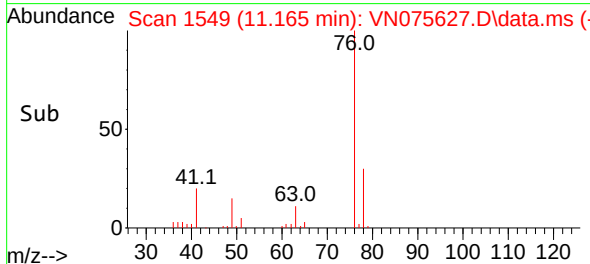
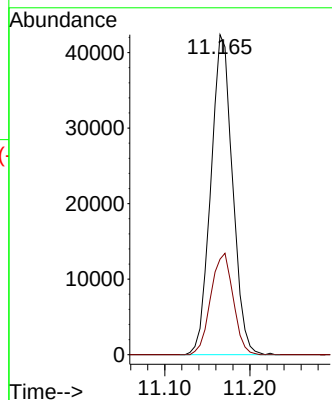
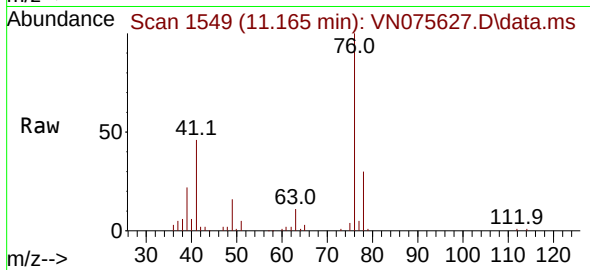
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 97.152 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075627.D

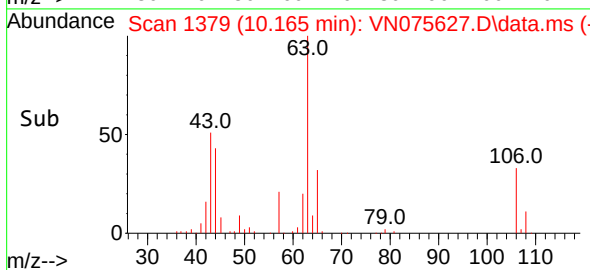
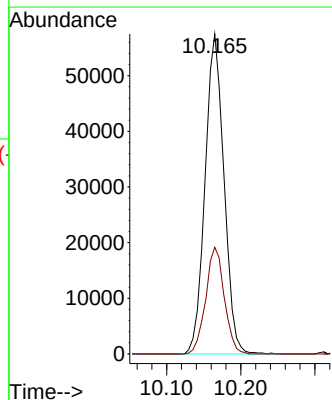
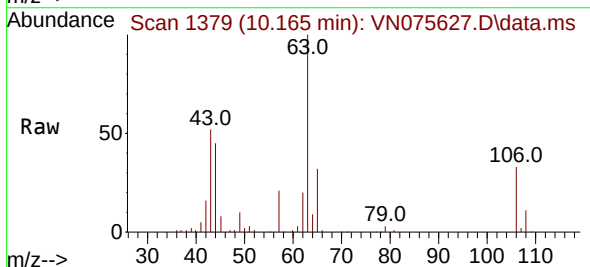
Acq: 07 Dec 2022 23:32

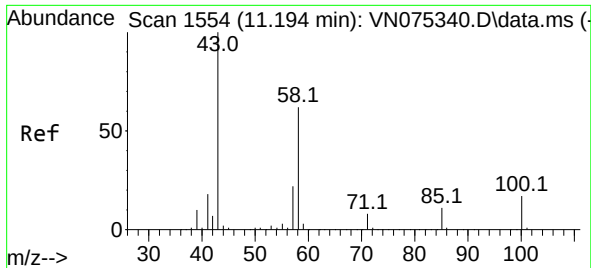
Tgt Ion: 63 Resp: 101726

Ion Ratio Lower Upper

63 100

106 32.8 24.8 37.2





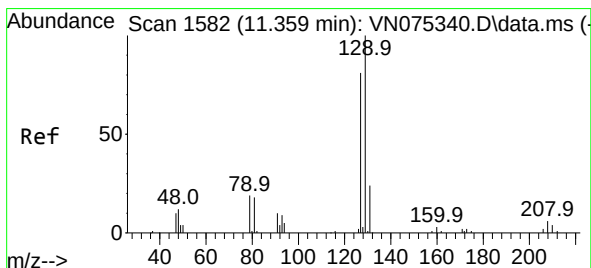
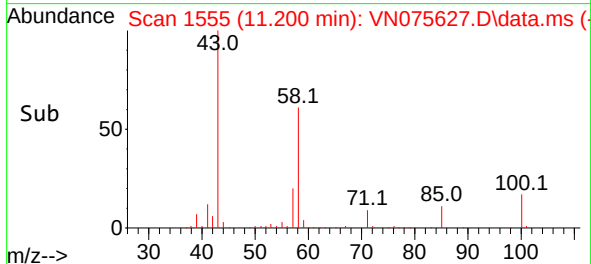
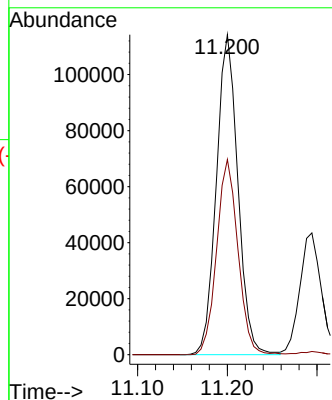
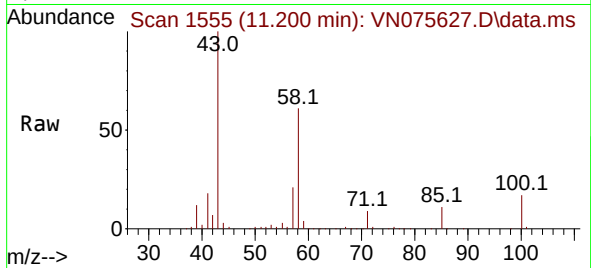
#59
2-Hexanone
Concen: 102.939 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 43 Resp: 190360
Ion Ratio Lower Upper
43 100
58 60.4 29.6 88.8

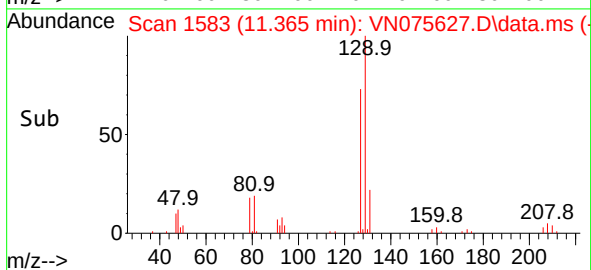
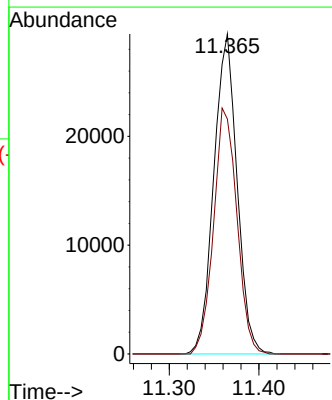
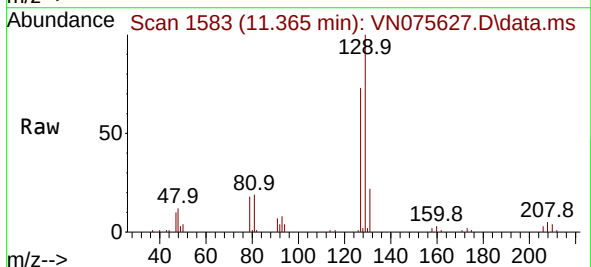
Manual Integrations
APPROVED

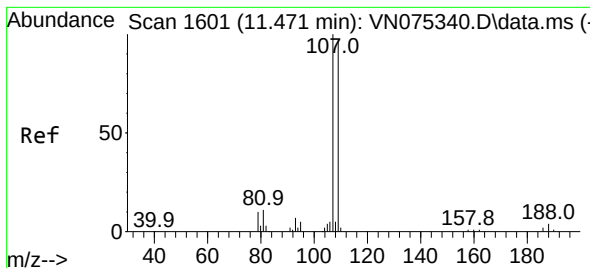
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#60
Dibromochloromethane
Concen: 23.974 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

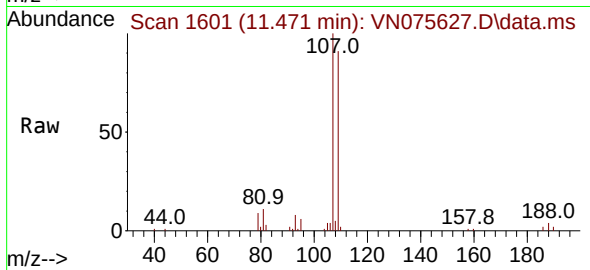
Tgt Ion:129 Resp: 52903
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.581 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

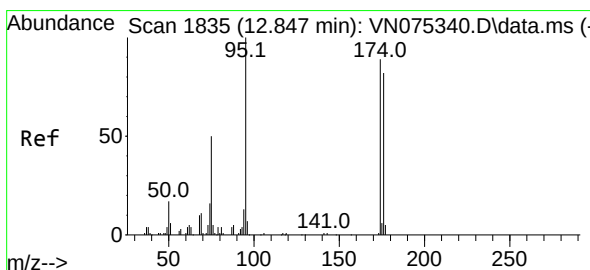
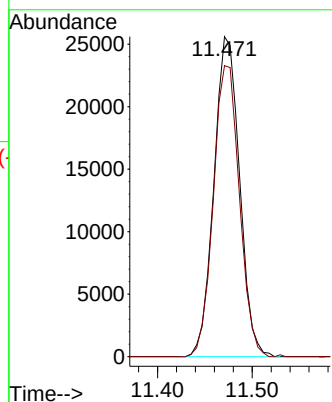
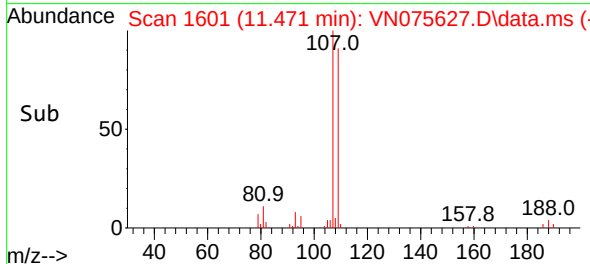
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



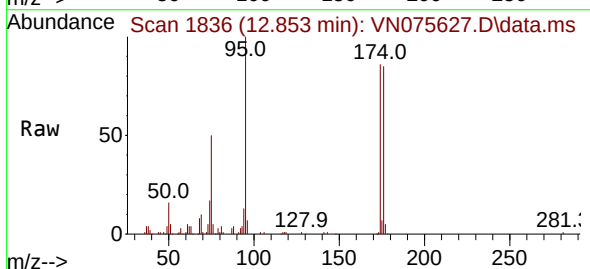
Tgt Ion:107 Resp: 48154
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4

Manual Integrations
APPROVED

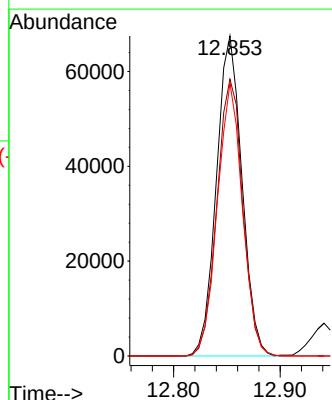
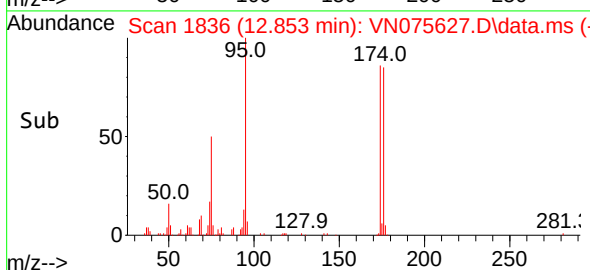
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

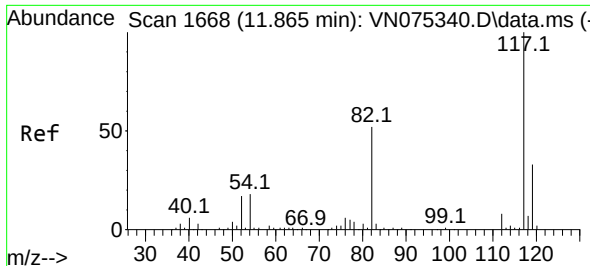


#62
4-Bromofluorobenzene
Concen: 55.067 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



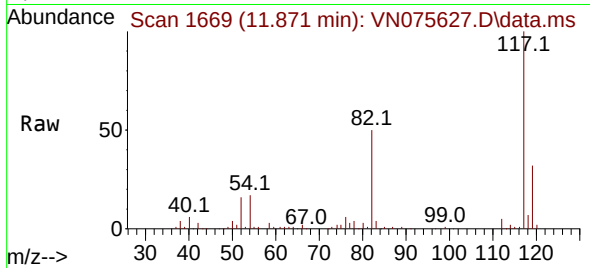
Tgt Ion: 95 Resp: 112304
Ion Ratio Lower Upper
95 100
174 87.6 0.0 147.4
176 83.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

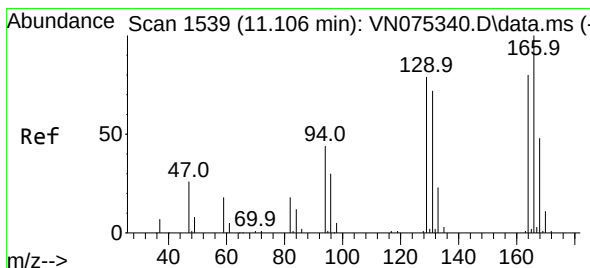
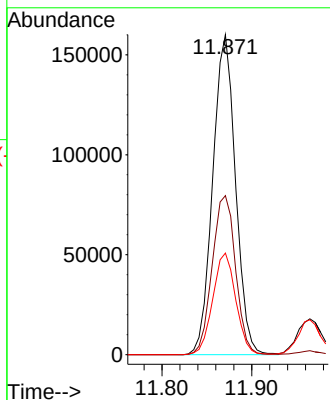
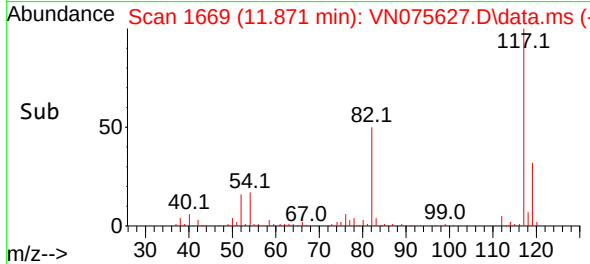
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



Tgt Ion:117 Resp: 281960
Ion Ratio Lower Upper
117 100
82 49.7 43.1 64.7
119 31.7 25.5 38.3

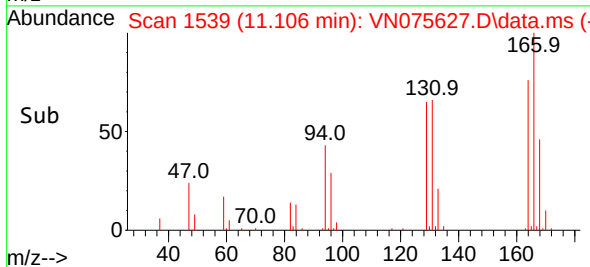
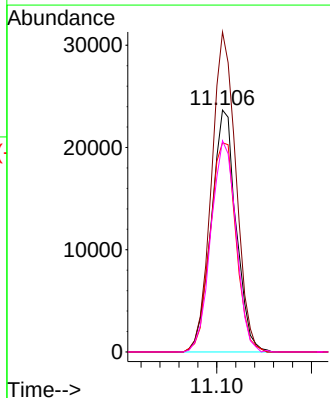
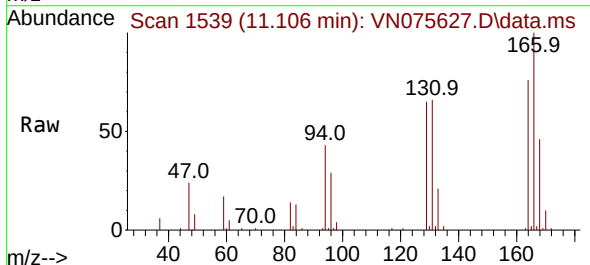
Manual Integrations
APPROVED

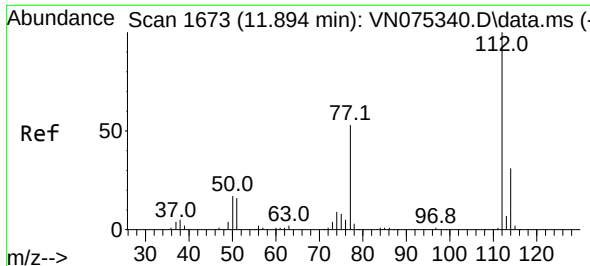
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#64
Tetrachloroethene
Concen: 20.039 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

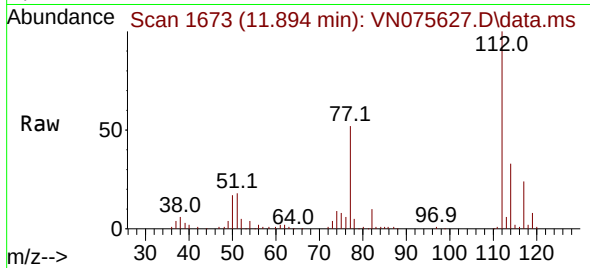
Tgt Ion:164 Resp: 43149
Ion Ratio Lower Upper
164 100
166 132.3 106.5 159.7
129 86.5 81.9 122.9
131 87.3 81.4 122.2





#65
Chlorobenzene
Concen: 21.993 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

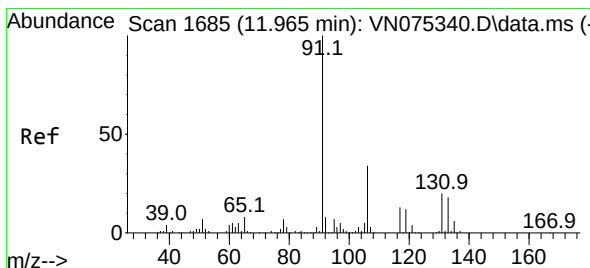
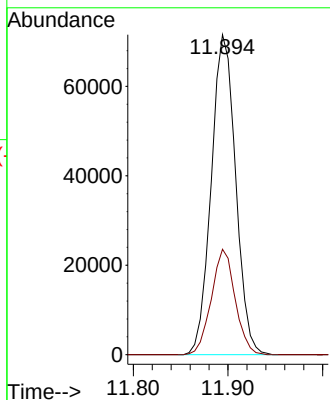
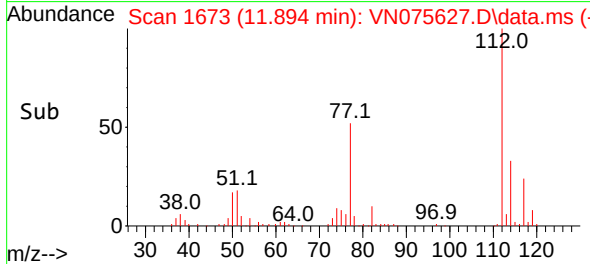
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



Tgt Ion:112 Resp: 12806
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

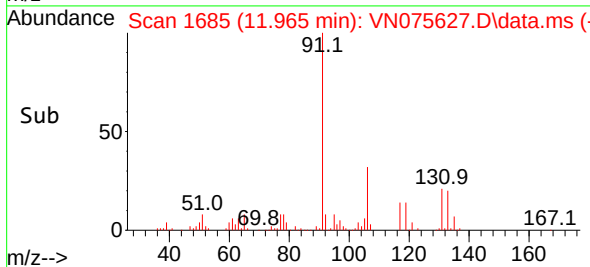
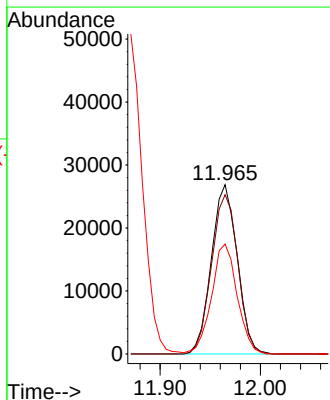
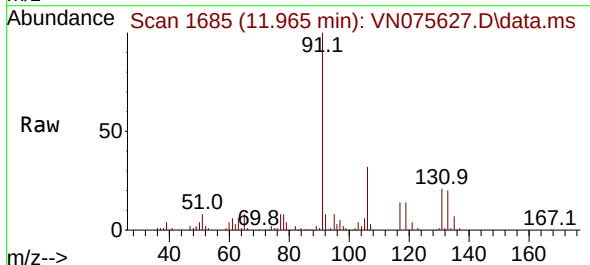
Manual Integrations
APPROVED

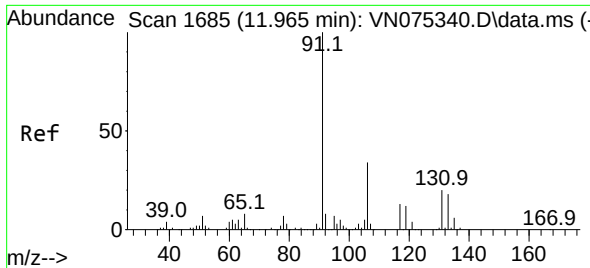
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.175 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion:131 Resp: 48193
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 64.3 33.0 99.0





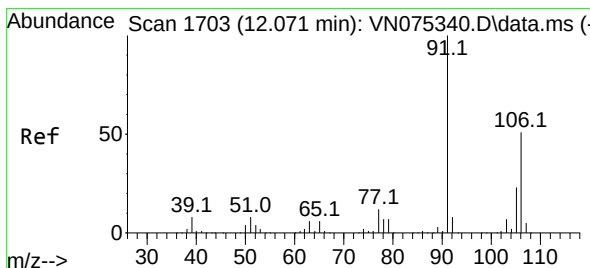
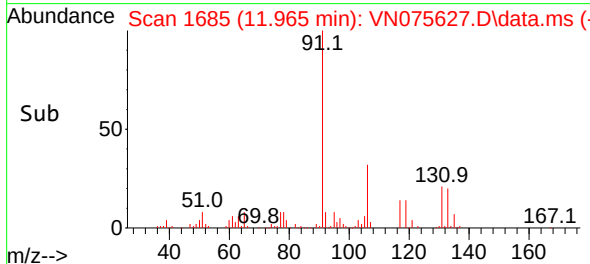
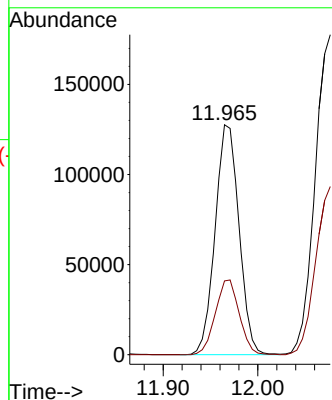
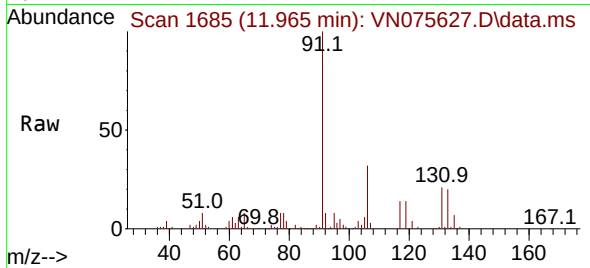
#67
Ethyl Benzene
Concen: 22.537 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 91 Resp: 22389
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

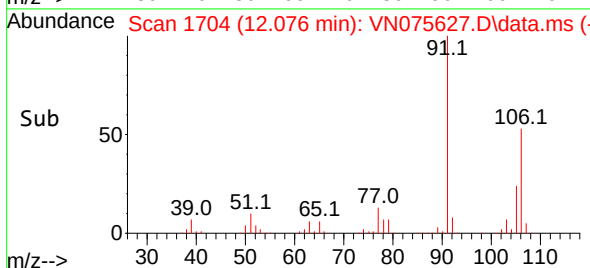
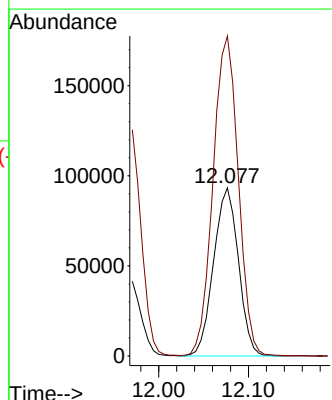
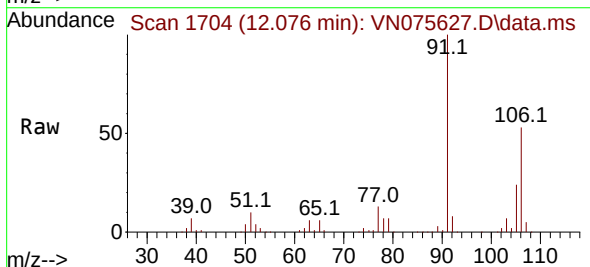
Manual Integrations
APPROVED

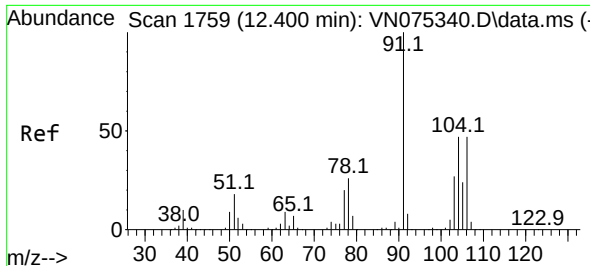
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#68
m/p-Xylenes
Concen: 44.371 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion:106 Resp: 179006
Ion Ratio Lower Upper
106 100
91 193.9 156.0 234.0





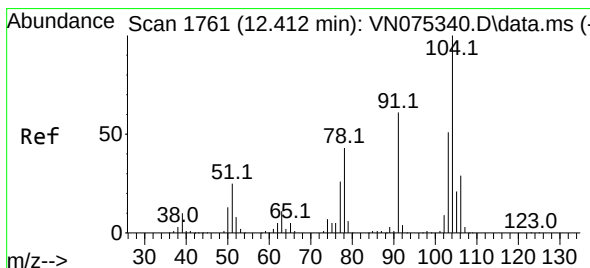
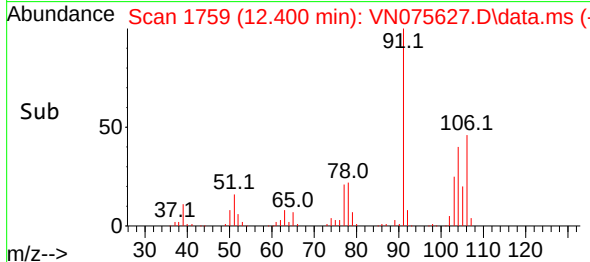
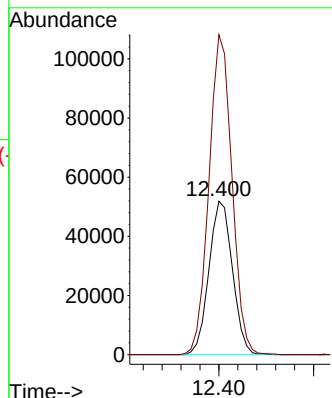
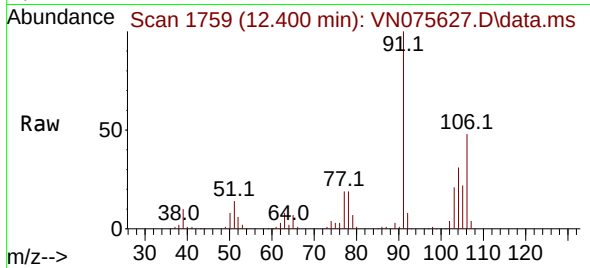
#69
o-Xylene
Concen: 22.308 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion:106 Resp: 8941
Ion Ratio Lower Upper
106 100
91 204.1 105.2 315.5

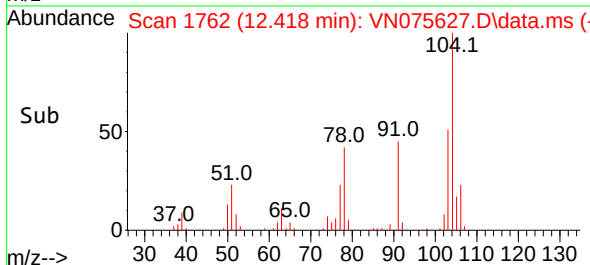
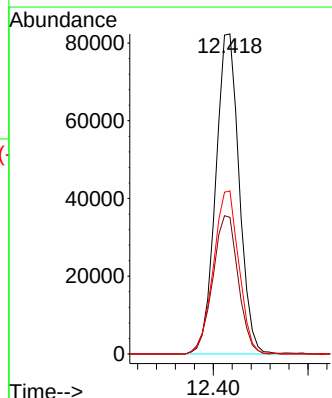
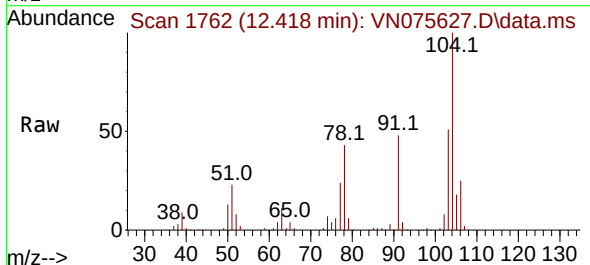
Manual Integrations
APPROVED

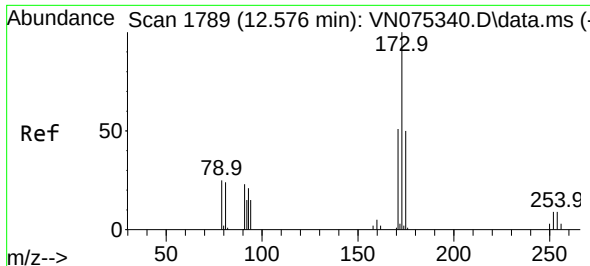
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#70
Styrene
Concen: 22.476 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

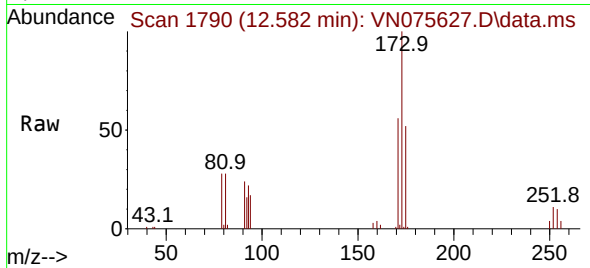
Tgt Ion:104 Resp: 142119
Ion Ratio Lower Upper
104 100
78 47.1 38.1 57.1
103 55.0 44.6 66.8





#71
Bromoform
Concen: 22.705 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

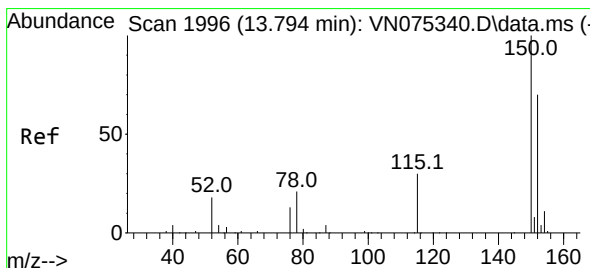
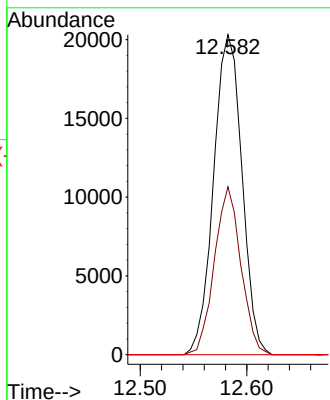
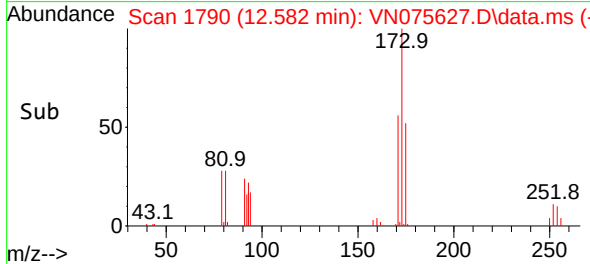
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



Tgt Ion:173 Resp: 37550
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.0 0.0 0.0

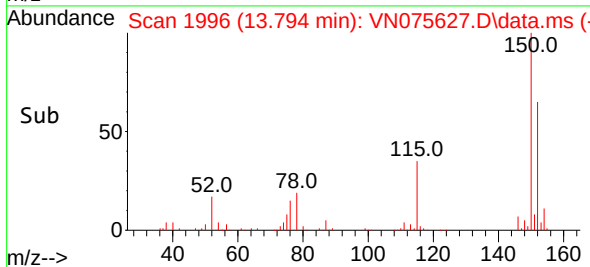
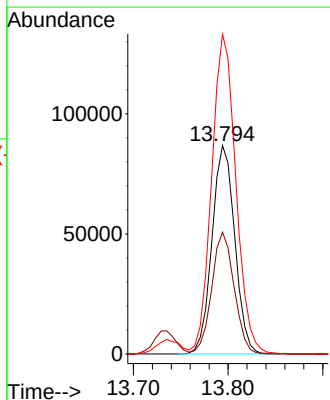
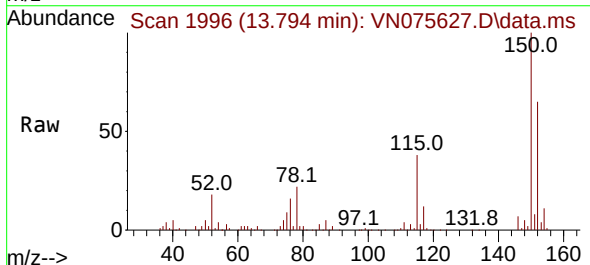
Manual Integrations
APPROVED

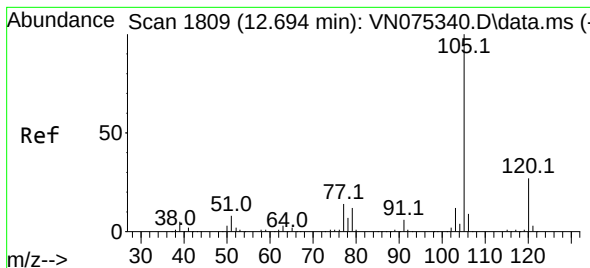
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion:152 Resp: 145310
Ion Ratio Lower Upper
152 100
115 57.3 30.2 90.6
150 162.7 0.0 348.4





#73

Isopropylbenzene

Concen: 21.513 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion:105 Resp: 228390

Ion Ratio Lower Upper

105 100

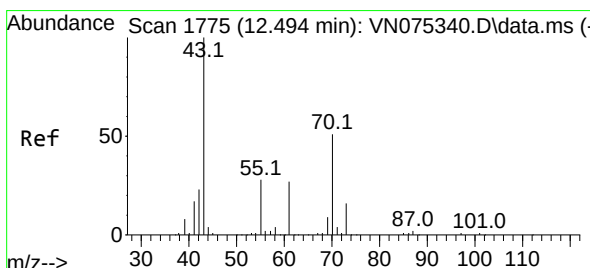
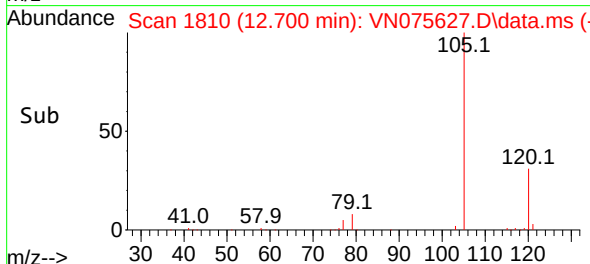
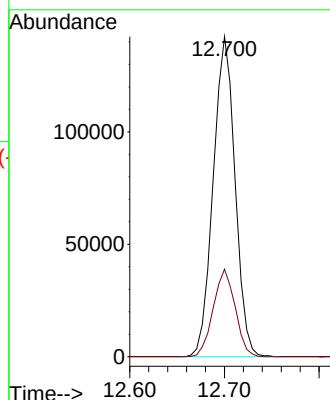
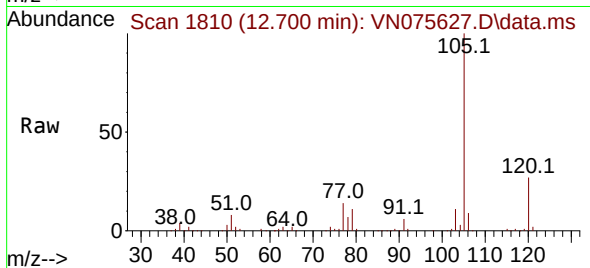
120 27.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#74

N-ethyl acetate

Concen: 21.846 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Tgt Ion: 43 Resp: 71301

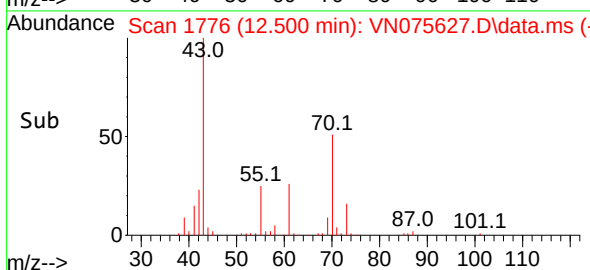
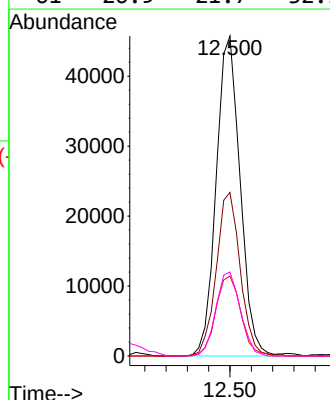
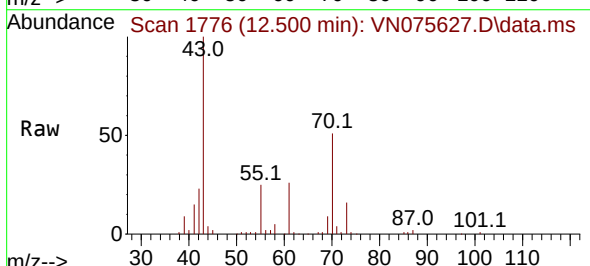
Ion Ratio Lower Upper

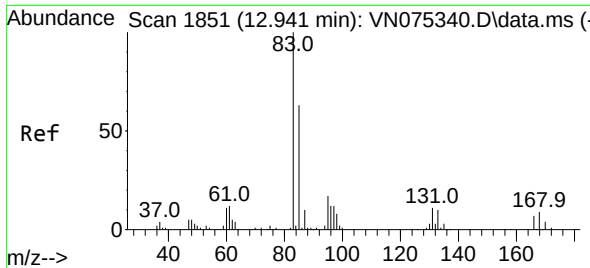
43 100

70 51.2 39.8 59.8

55 26.2 19.9 29.9

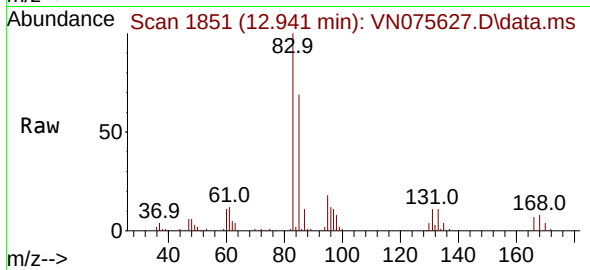
61 26.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.652 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

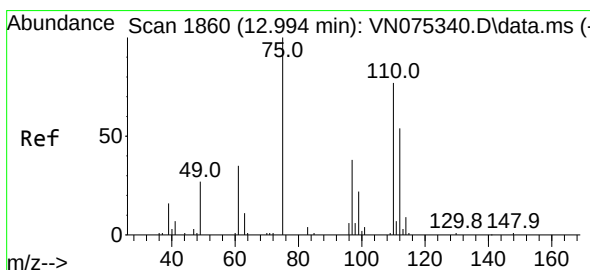
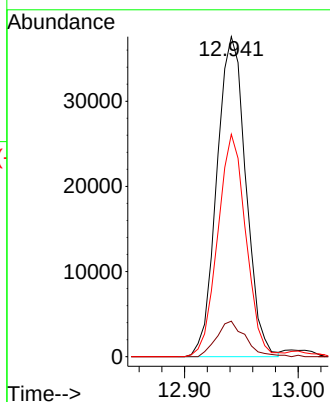
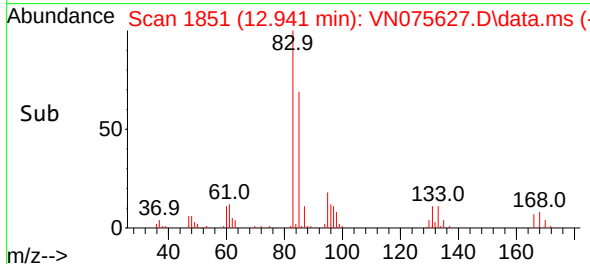
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



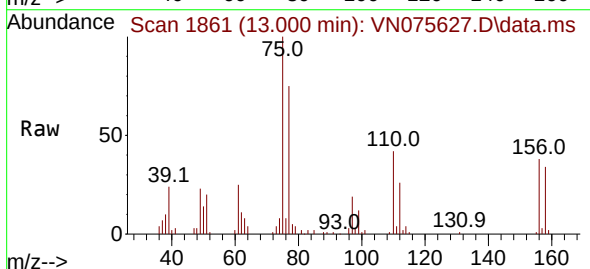
Tgt Ion: 83 Resp: 6684
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 67.6 31.6 94.7

Manual Integrations
APPROVED

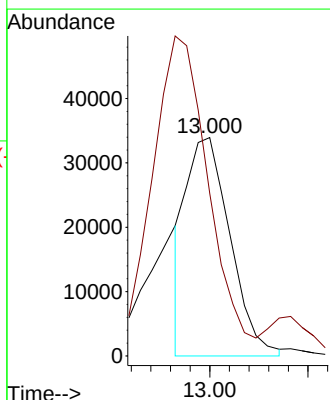
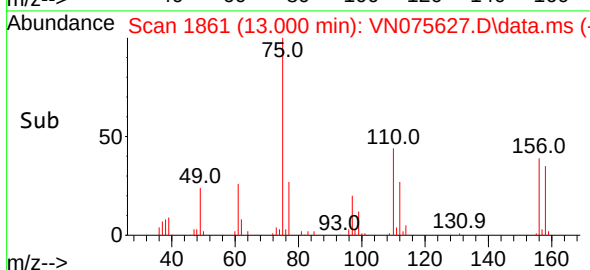
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

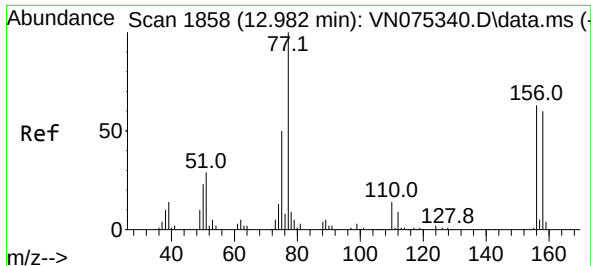


#76
1,2,3-Trichloropropane
Concen: 19.169 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



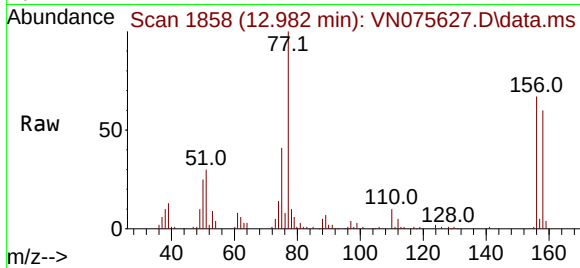
Tgt Ion: 75 Resp: 52665
Ion Ratio Lower Upper
75 100
77 189.7 75.6 226.8





#77
Bromobenzene
Concen: 21.789 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

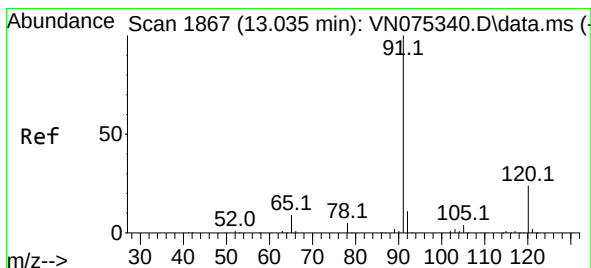
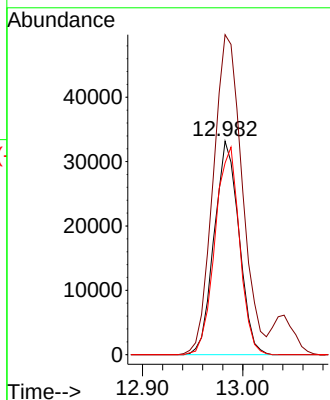
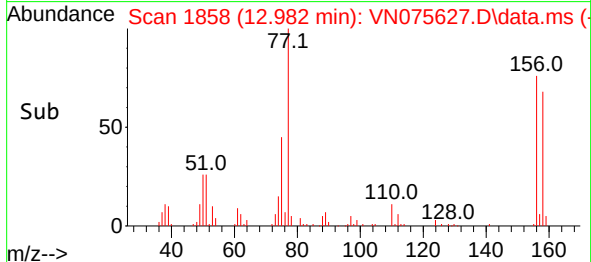
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



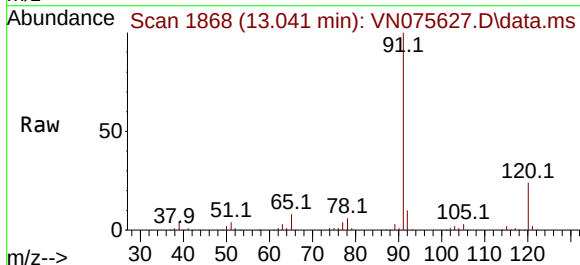
Tgt Ion:156 Resp: 57108
Ion Ratio Lower Upper
156 100
77 174.9 108.5 325.5
158 96.0 47.7 143.1

Manual Integrations
APPROVED

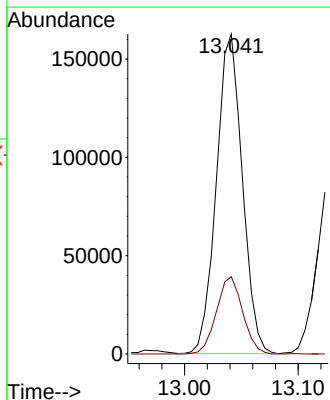
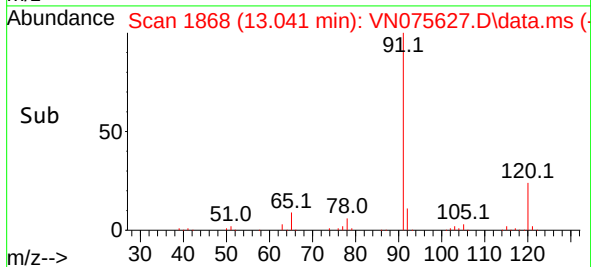
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

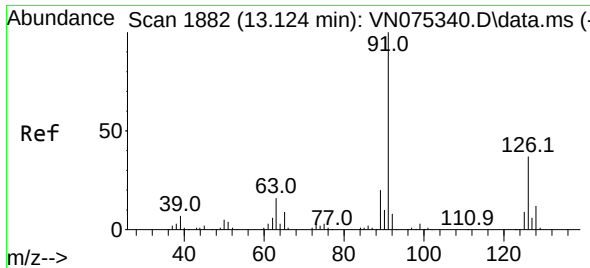


#78
n-propylbenzene
Concen: 21.764 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



Tgt Ion: 91 Resp: 257855
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





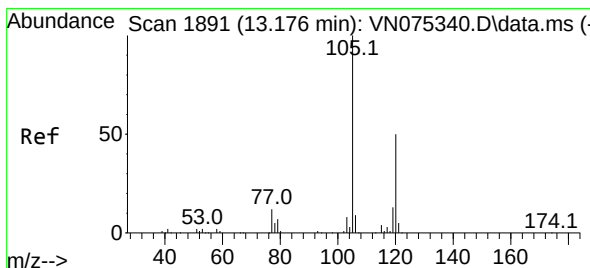
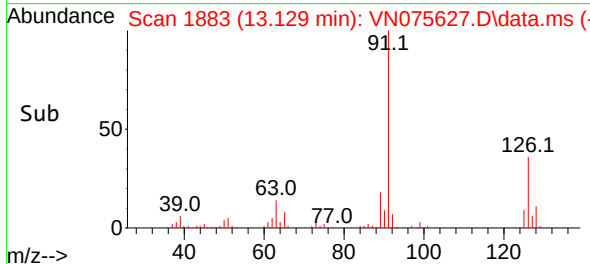
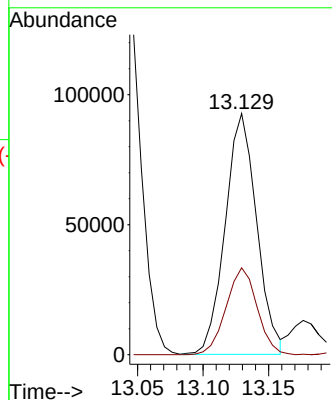
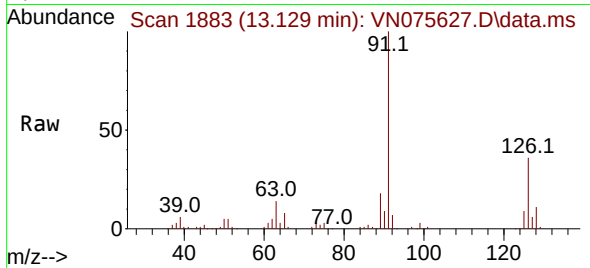
#79
2-Chlorotoluene
Concen: 21.714 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 91 Resp: 155009
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7

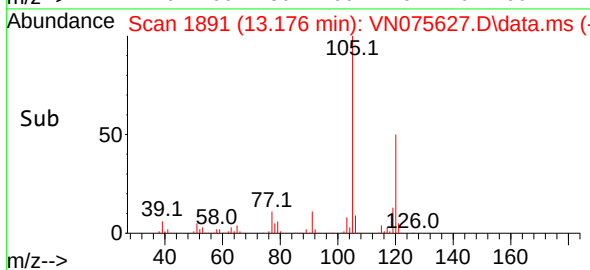
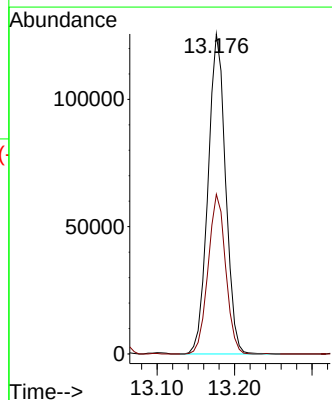
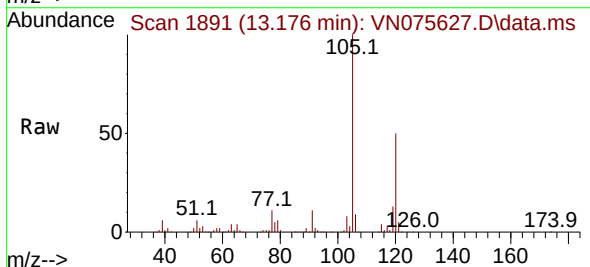
Manual Integrations
APPROVED

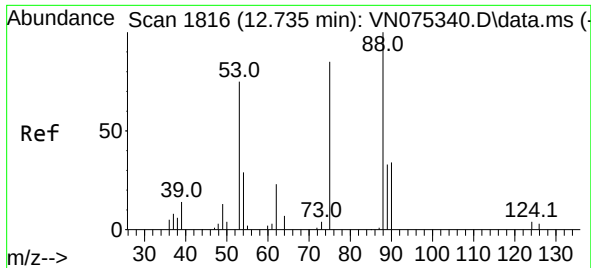
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.402 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

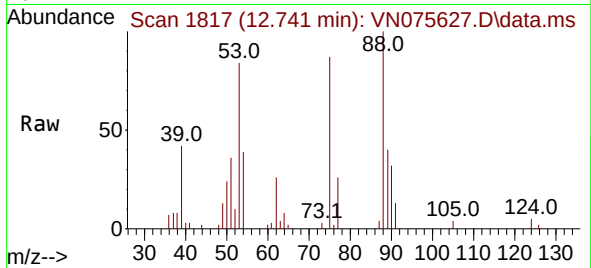
Tgt Ion:105 Resp: 197586
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.018 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

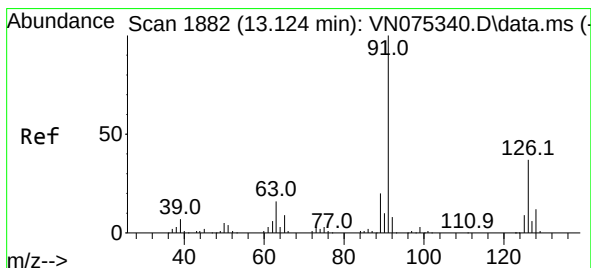
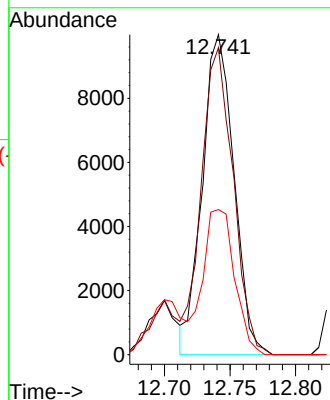
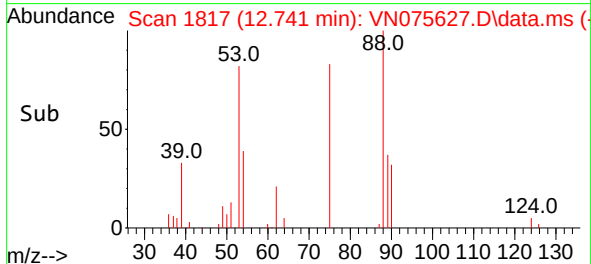
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



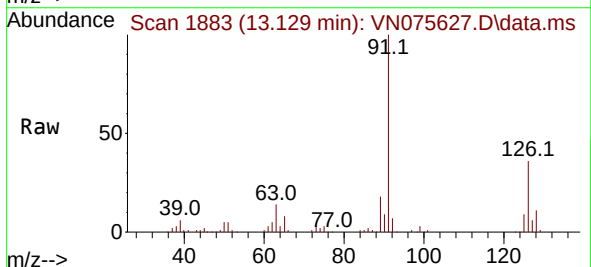
Tgt Ion: 75 Resp: 1673
Ion Ratio Lower Upper
75 100
53 96.9 78.5 117.7
89 45.5 37.7 56.5

Manual Integrations
APPROVED

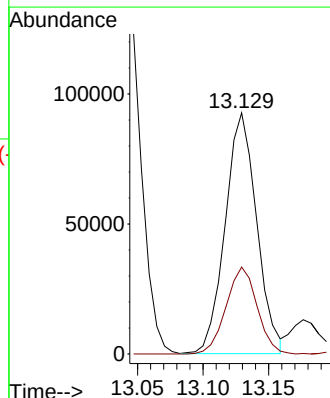
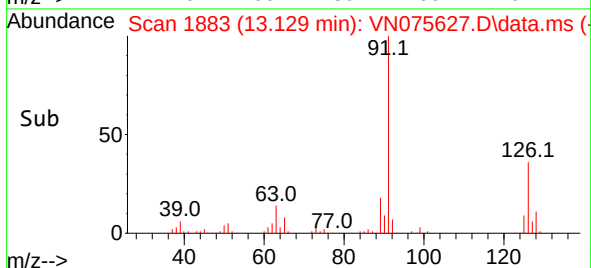
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

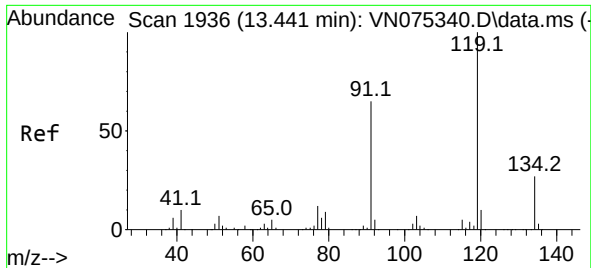


#82
4-Chlorotoluene
Concen: 21.714 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



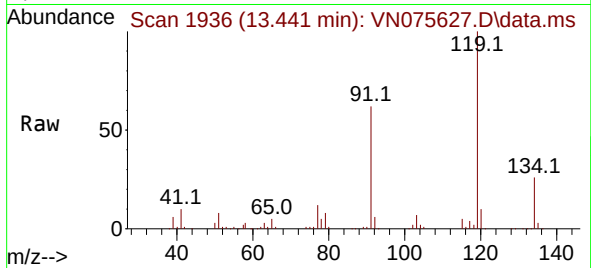
Tgt Ion: 91 Resp: 155009
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7





#83
tert-Butylbenzene
Concen: 22.784 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

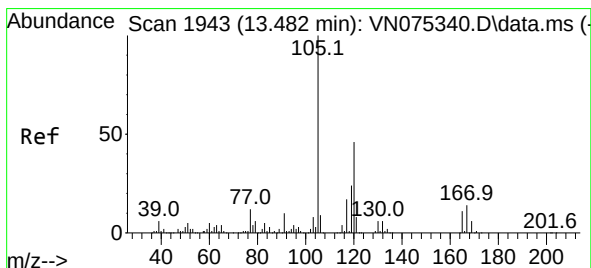
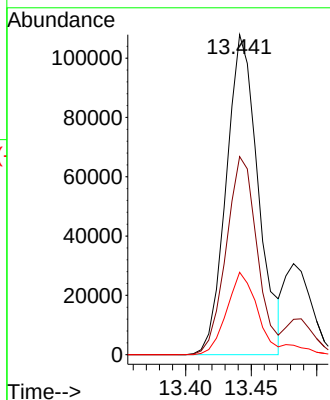
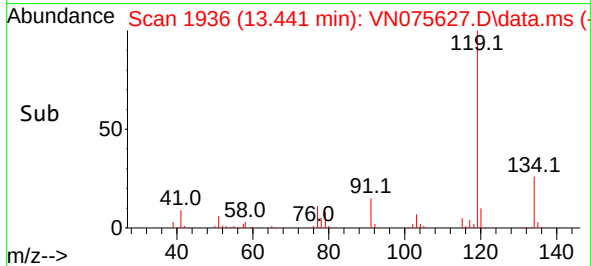
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



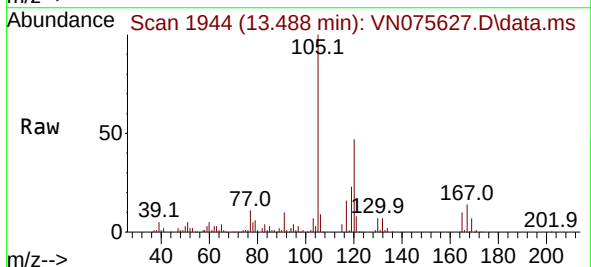
Tgt Ion:119 Resp: 183220
Ion Ratio Lower Upper
119 100
91 60.1 32.8 98.4
134 26.8 12.3 36.9

Manual Integrations
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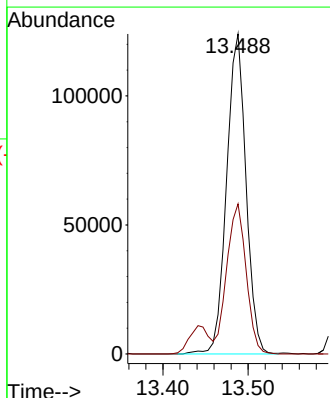
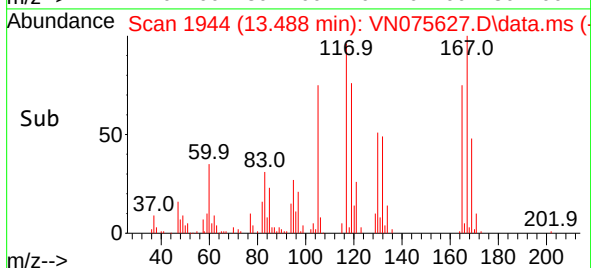
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

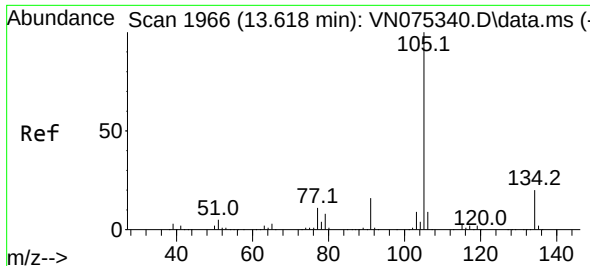


#84
1,2,4-Trimethylbenzene
Concen: 22.195 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



Tgt Ion:105 Resp: 196361
Ion Ratio Lower Upper
105 100
120 47.0 22.7 68.1





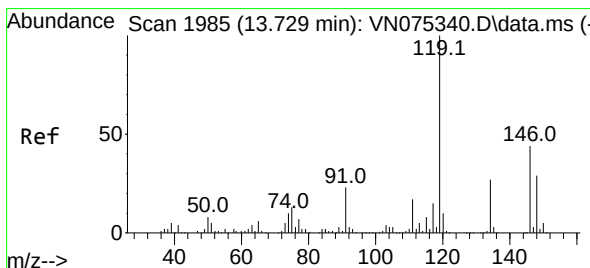
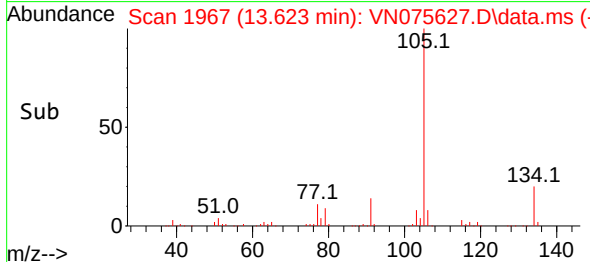
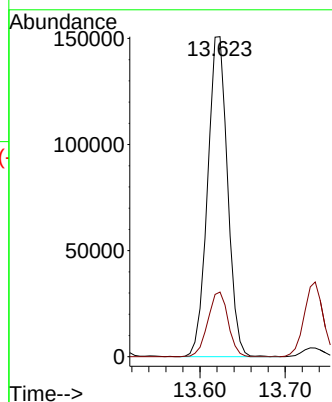
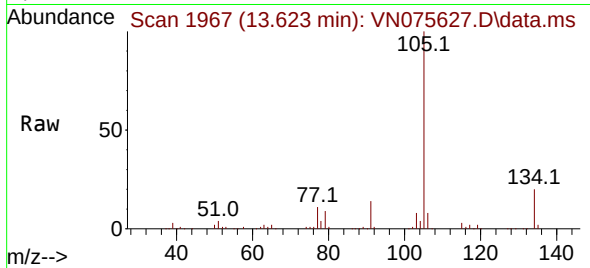
#85
 sec-Butylbenzene
 Concen: 22.487 ug/l
 RT: 13.623 min Scan# 1966
 Delta R.T. 0.005 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Tgt Ion:105 Resp: 24537
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

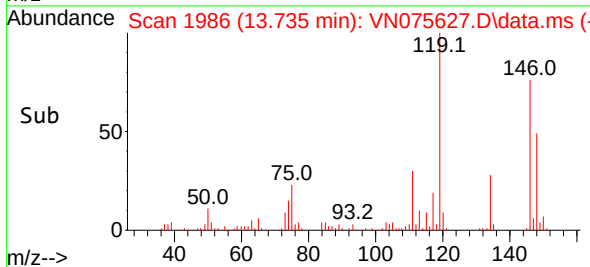
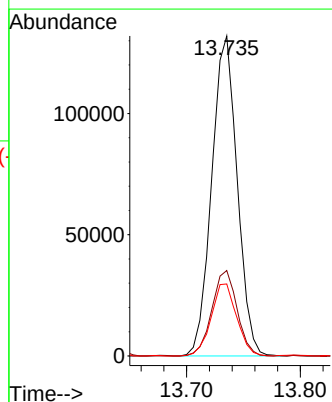
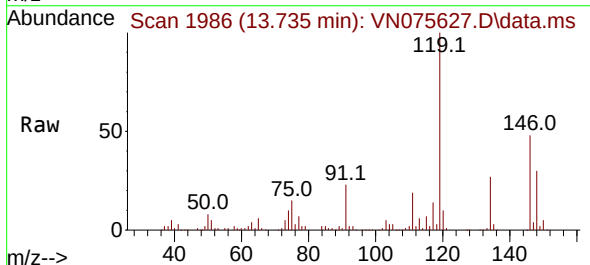
Manual Integrations
 APPROVED

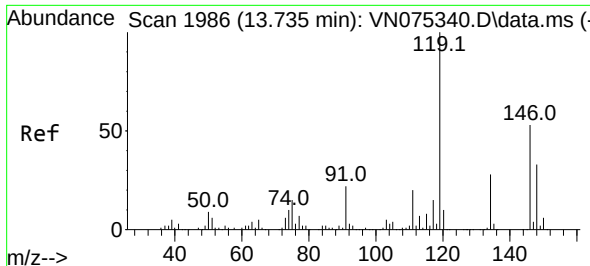
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#86
 p-Isopropyltoluene
 Concen: 22.391 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

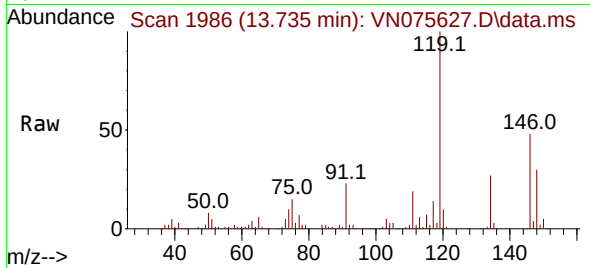
Tgt Ion:119 Resp: 205565
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.6 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 21.675 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32

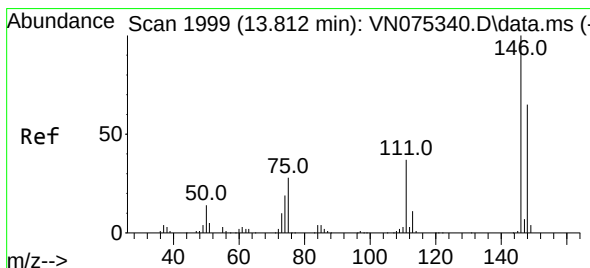
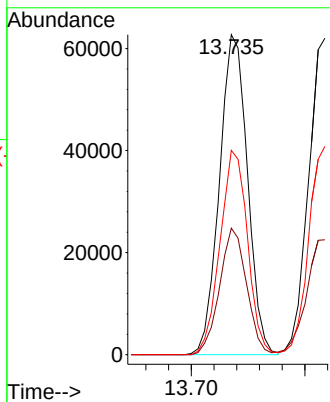
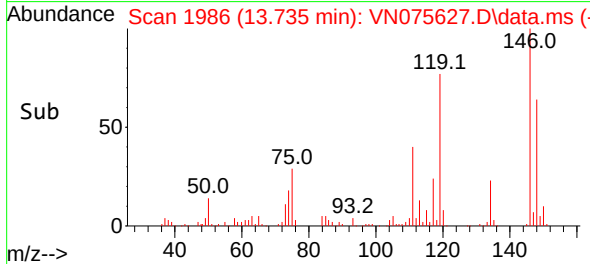
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02



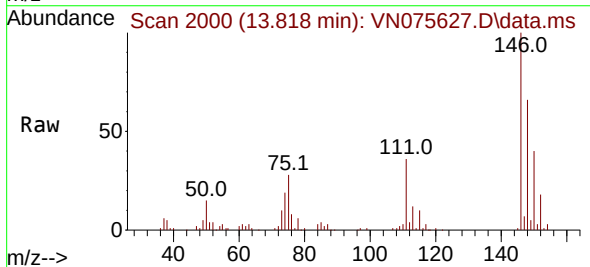
Tgt Ion:146 Resp: 107630
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.8 62.5
 148 62.6 31.1 93.5

Manual Integrations
 APPROVED

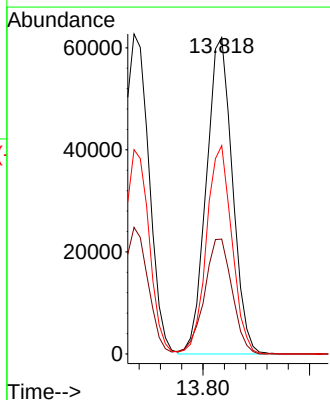
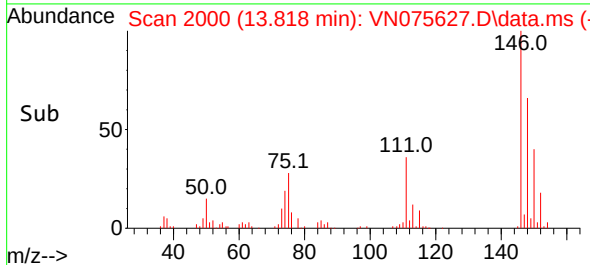
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

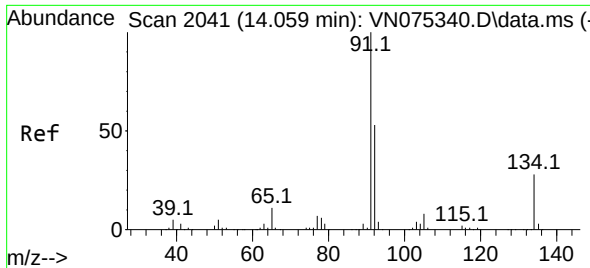


#88
 1,4-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.818 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN075627.D
 Acq: 07 Dec 2022 23:32



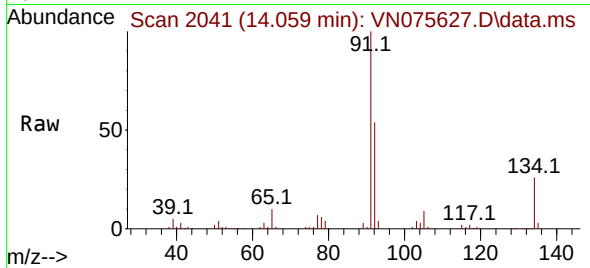
Tgt Ion:146 Resp: 105303
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.1 60.3
 148 64.2 31.9 95.7





#89
n-Butylbenzene
Concen: 20.787 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

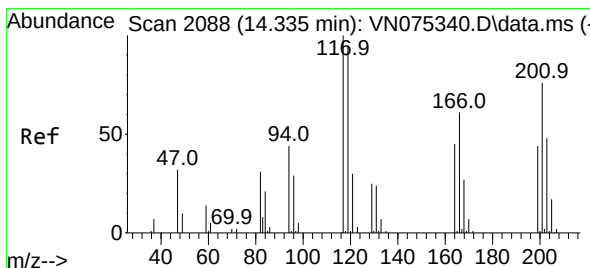
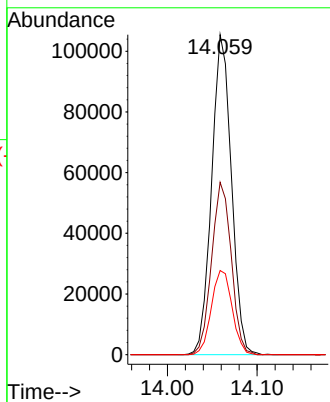
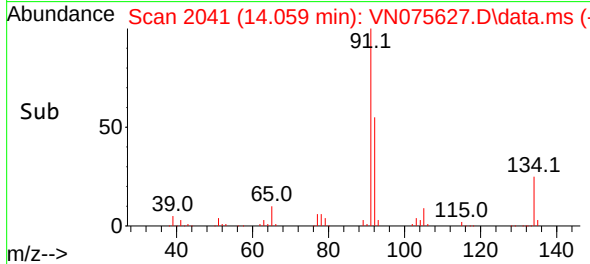
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



Tgt Ion: 91 Resp: 161178
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.4
134 27.7 13.0 39.0

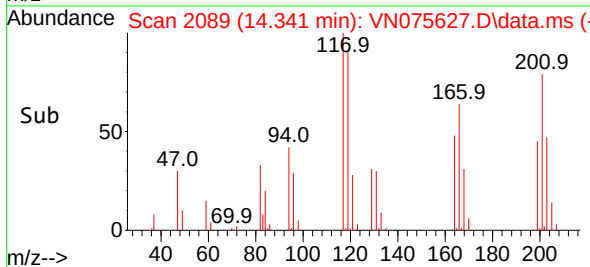
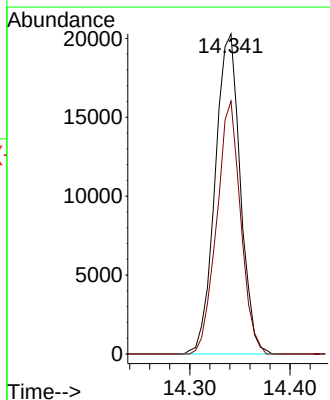
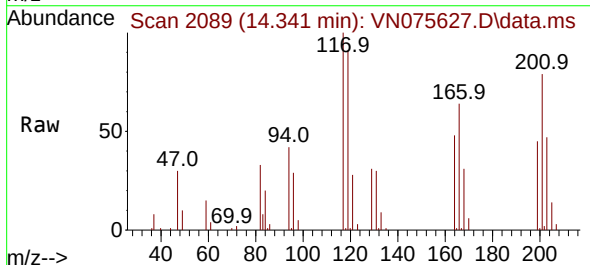
Manual Integrations
APPROVED

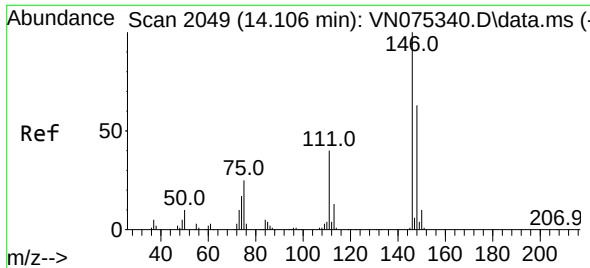
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#90
Hexachloroethane
Concen: 22.323 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion:117 Resp: 35354
Ion Ratio Lower Upper
117 100
201 75.2 31.5 94.5





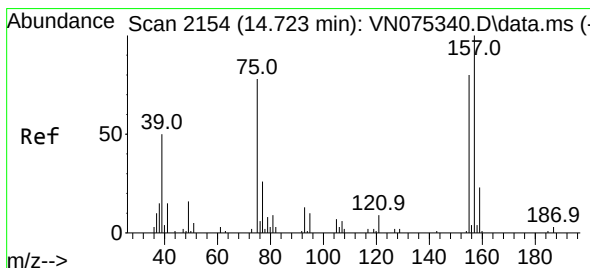
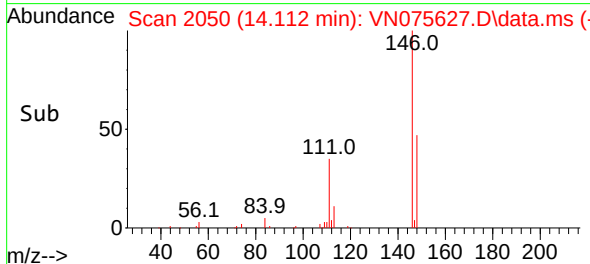
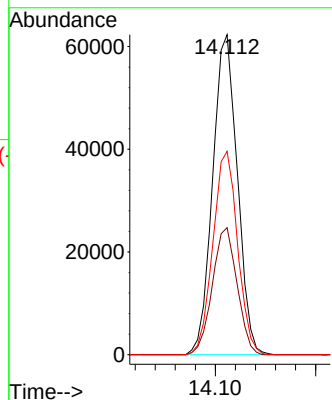
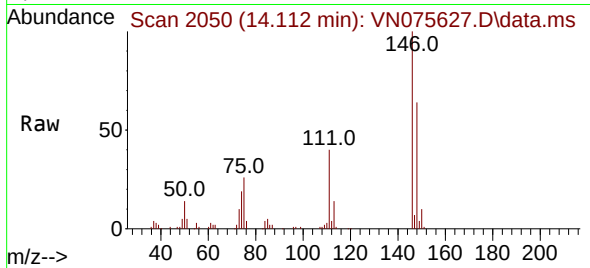
#91
1,2-Dichlorobenzene
Concen: 21.978 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion:146 Resp: 10638
Ion Ratio Lower Upper
146 100
111 39.8 21.3 63.9
148 63.6 31.4 94.2

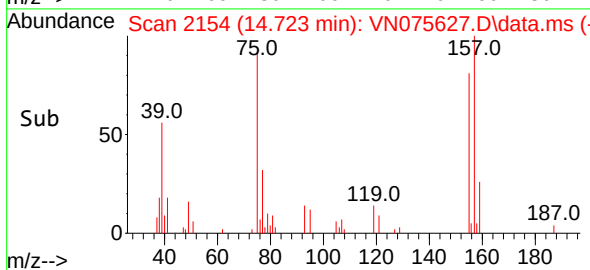
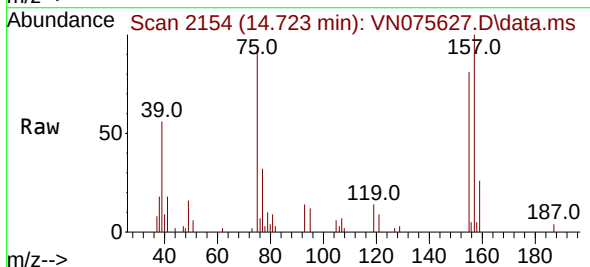
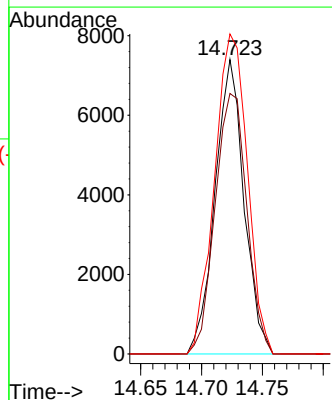
Manual Integrations
APPROVED

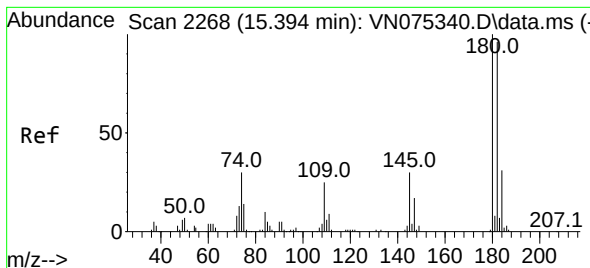
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.982 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

Tgt Ion: 75 Resp: 12251
Ion Ratio Lower Upper
75 100
155 96.9 42.1 126.3
157 123.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 21.140 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

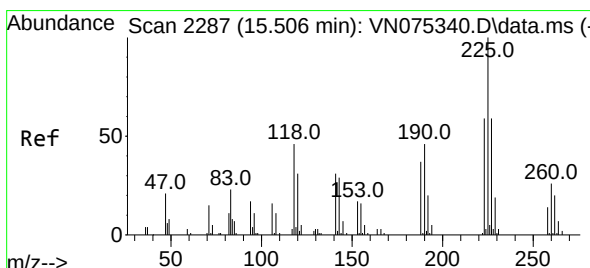
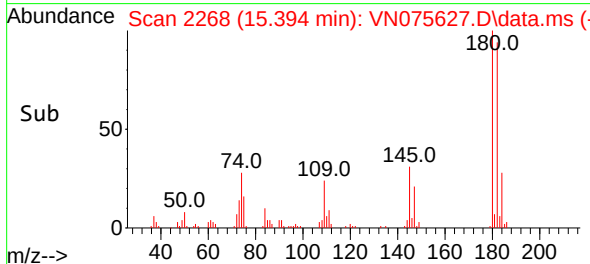
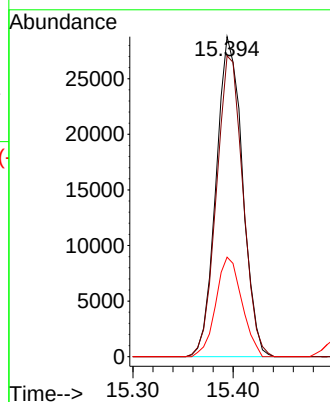
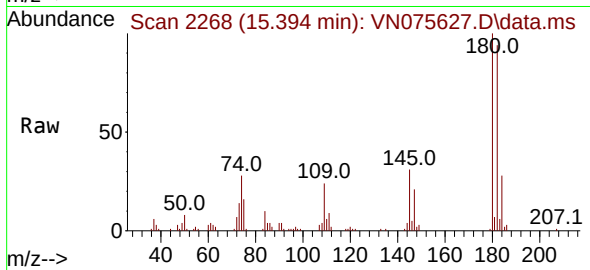
Tgt Ion:180	Resp:	52439
Ion Ratio	Lower	Upper
180	100	
182	94.7	47.8 143.4
145	30.7	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#94

Hexachlorobutadiene

Concen: 22.572 ug/l

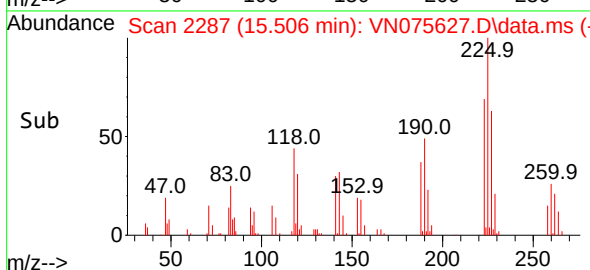
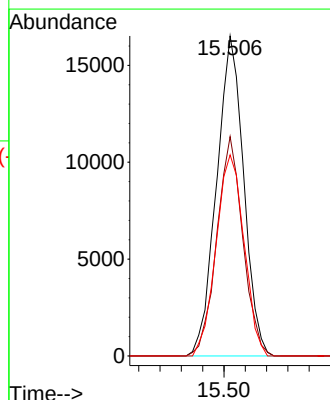
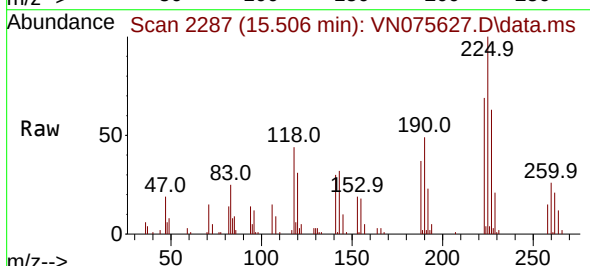
RT: 15.506 min Scan# 2287

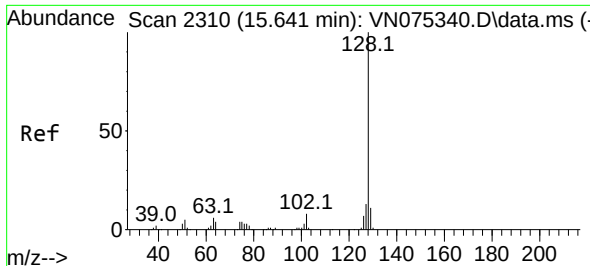
Delta R.T. -0.000 min

Lab File: VN075627.D

Acq: 07 Dec 2022 23:32

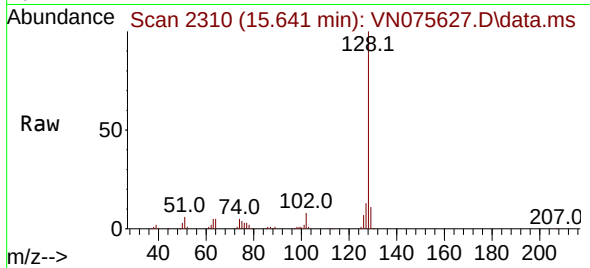
Tgt Ion:225	Resp:	29165
Ion Ratio	Lower	Upper
225	100	
223	65.9	32.3 96.9
227	64.7	32.0 96.2





#95
Naphthalene
Concen: 20.264 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32

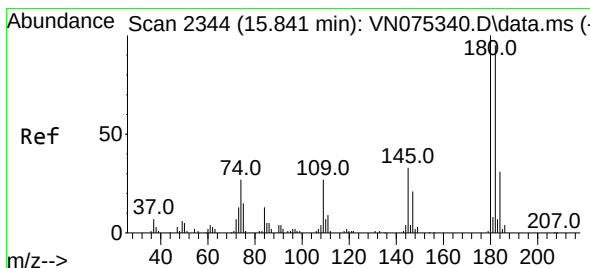
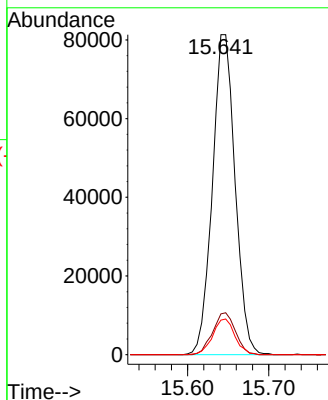
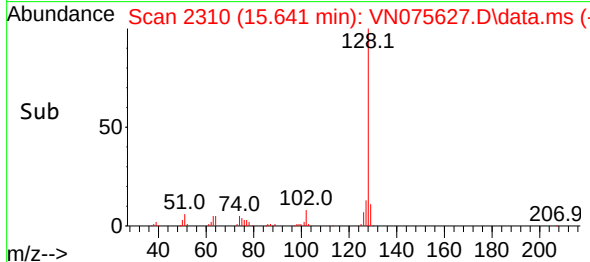
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02



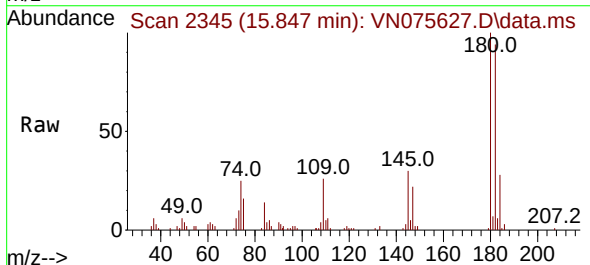
Tgt Ion:128 Resp: 158140
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.685 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075627.D
Acq: 07 Dec 2022 23:32



Tgt Ion:180 Resp: 52868
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.8
145 31.2 17.6 52.9

