

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075023.D
 Acq On : 26 Oct 2022 14:14
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 27 09:55:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	94016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	146565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.594	65	1159	0.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	1.820%#		
35) Dibromofluoromethane	8.171	113	862	0.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	1.700%#		
50) Toluene-d8	10.565	98	4157	1.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.120%#		
62) 4-Bromofluorobenzene	12.847	95	1311	0.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	1.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	950	0.777	ug/l #	41
3) Chloromethane	2.377	50	1576	1.213	ug/l	99
4) Vinyl Chloride	2.518	62	1873	1.011	ug/l #	72
5) Bromomethane	2.936	94	2161	Below Cal	#	73
6) Chloroethane	3.112	64	1407	1.059	ug/l	100
7) Trichlorofluoromethane	3.489	101	1942	1.026	ug/l	88
8) Diethyl Ether	3.977	74	523	0.757	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.365	101	344	0.329	ug/l #	70
10) Methyl Iodide	4.595	142	1421	0.913	ug/l #	82
11) Tert butyl alcohol	5.553	59	1225	4.147	ug/l #	72
12) 1,1-Dichloroethene	4.342	96	929	0.932	ug/l #	77
13) Acrolein	4.195	56	1433	5.931	ug/l	92
14) Allyl chloride	5.030	41	1101	0.756	ug/l #	63
15) Acrylonitrile	5.730	53	3012	4.827	ug/l	100
16) Acetone	4.459	43	3234	6.029	ug/l	90
17) Carbon Disulfide	4.724	76	2989	1.193	ug/l #	74
18) Methyl Acetate	5.048	43	2258	1.289	ug/l #	79
19) Methyl tert-butyl Ether	5.812	73	3262	0.881	ug/l #	89
20) Methylene Chloride	5.283	84	1607	1.344	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	370	0.339	ug/l #	62
22) Diisopropyl ether	6.683	45	2947	0.917	ug/l #	88
23) Vinyl Acetate	6.618	43	10554	3.935	ug/l	99
24) 1,1-Dichloroethane	6.571	63	1838	0.905	ug/l #	82
25) 2-Butanone	7.506	43	4733	5.610	ug/l #	70
26) 2,2-Dichloropropane	7.489	77	1906	1.020	ug/l	77
27) cis-1,2-Dichloroethene	7.494	96	1291	0.991	ug/l	96
28) Bromochloromethane	7.812	49	765	0.893	ug/l #	77
29) Tetrahydrofuran	7.847	42	2636	4.835	ug/l #	90
30) Chloroform	7.971	83	2251	1.021	ug/l	99
31) Cyclohexane	8.236	56	4547	2.413	ug/l #	63
32) 1,1,1-Trichloroethane	8.183	97	1933	0.965	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	1563	0.996	ug/l	94
37) Ethyl Acetate	7.565	43	494	0.287	ug/l #	82
38) Carbon Tetrachloride	8.359	117	1811	1.049	ug/l #	61
39) Methylcyclohexane	9.600	83	1770	0.854	ug/l #	81
40) Benzene	8.612	78	4620	0.962	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075023.D
 Acq On : 26 Oct 2022 14:14
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 27 09:55:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	682	0.827	ug/l #	73
42) 1,2-Dichloroethane	8.671	62	1817	1.040	ug/l	83
43) Isopropyl Acetate	8.700	43	2444	0.916	ug/l #	87
44) Trichloroethene	9.359	130	1190	0.987	ug/l	94
45) 1,2-Dichloropropane	9.624	63	1265	1.106	ug/l #	42
46) Dibromomethane	9.718	93	782	0.878	ug/l	89
47) Bromodichloromethane	9.894	83	1470	0.852	ug/l #	75
48) Methyl methacrylate	9.694	41	1046	0.854	ug/l	93
49) 1,4-Dioxane	9.700	88	573	17.871	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	7906	4.590	ug/l	90
52) Toluene	10.630	92	3026	0.942	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	1471	0.808	ug/l #	84
54) cis-1,3-Dichloropropene	10.318	75	1641	0.850	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	1236	0.971	ug/l #	86
56) Ethyl methacrylate	10.882	69	1498	0.771	ug/l	88
57) 1,3-Dichloropropane	11.165	76	2166	1.021	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	3300	4.394	ug/l	95
59) 2-Hexanone	11.200	43	6137	4.694	ug/l	89
60) Dibromochloromethane	11.359	129	1090	0.811	ug/l	85
61) 1,2-Dibromoethane	11.471	107	974	0.746	ug/l	100
64) Tetrachloroethene	11.106	164	810	0.901	ug/l #	73
65) Chlorobenzene	11.894	112	3262	1.043	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	1137	0.980	ug/l #	59
67) Ethyl Benzene	11.965	91	5075	0.902	ug/l #	74
68) m/p-Xylenes	12.071	106	4085	1.809	ug/l	100
69) o-Xylene	12.400	106	1735	0.777	ug/l	80
70) Styrene	12.412	104	2749	0.772	ug/l #	86
71) Bromoform	12.588	173	583	0.671	ug/l #	75
73) Isopropylbenzene	12.700	105	4571	0.971	ug/l	98
74) N-amyl acetate	12.500	43	2016	1.158	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	1724	Below Cal	#	89
76) 1,2,3-Trichloropropane	13.000	75	2244	1.803	ug/l	80
77) Bromobenzene	12.982	156	1108	1.069	ug/l	82
78) n-propylbenzene	13.041	91	5231	0.990	ug/l	97
79) 2-Chlorotoluene	13.129	91	3523	1.091	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	3761	0.951	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	291	0.600	ug/l #	65
82) 4-Chlorotoluene	13.129	91	3523	1.091	ug/l	97
83) tert-Butylbenzene	13.447	119	3495	0.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	3518	0.880	ug/l	95
85) sec-Butylbenzene	13.618	105	4221	0.859	ug/l	94
86) p-Isopropyltoluene	13.729	119	3394	0.836	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	2351	1.159	ug/l	84
88) 1,4-Dichlorobenzene	13.812	146	2622	1.306	ug/l	93
89) n-Butylbenzene	14.059	91	2839	0.869	ug/l	94
90) Hexachloroethane	14.335	117	603	0.810	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	2344	1.162	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.723	75	150	0.472	ug/l #	65
93) 1,2,4-Trichlorobenzene	15.400	180	1148	1.323	ug/l	89
94) Hexachlorobutadiene	15.506	225	211	0.499	ug/l	96
95) Naphthalene	15.635	128	4459	1.336	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	1291	1.497	ug/l #	70

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
Data File : VN075023.D
Acq On : 26 Oct 2022 14:14
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

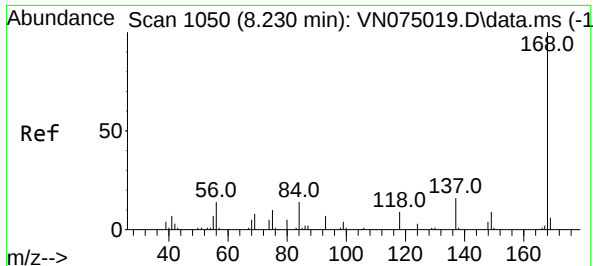
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 09:55:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

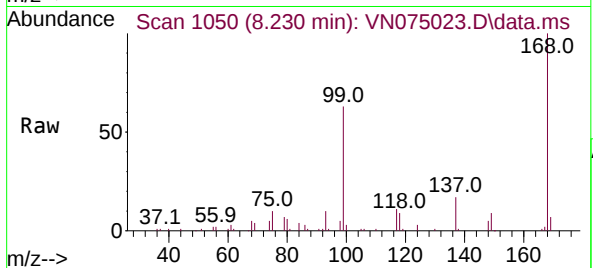
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

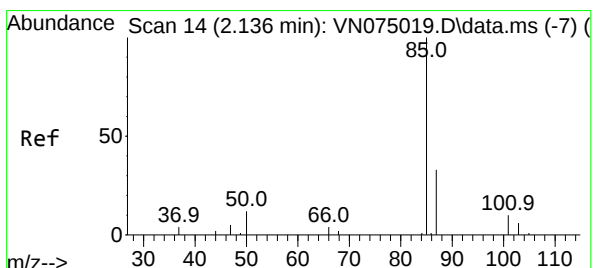
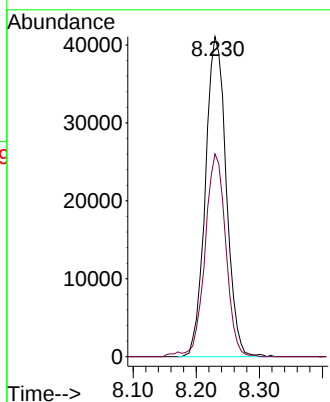
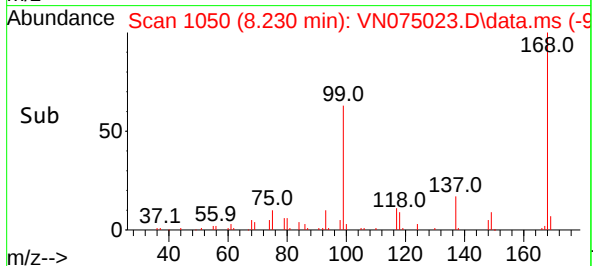
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



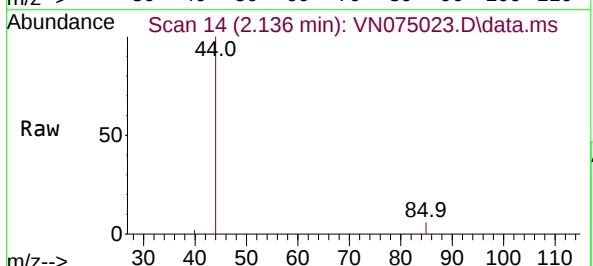
Tgt Ion:168 Resp: 94010
Ion Ratio Lower Upper
168 100
99 63.4 51.6 77.4

Manual Integrations
APPROVED

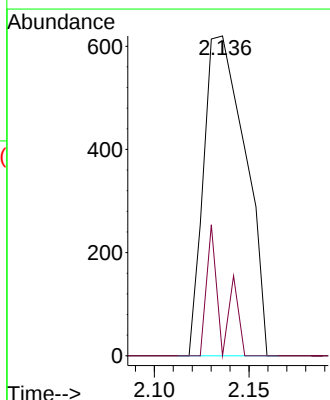
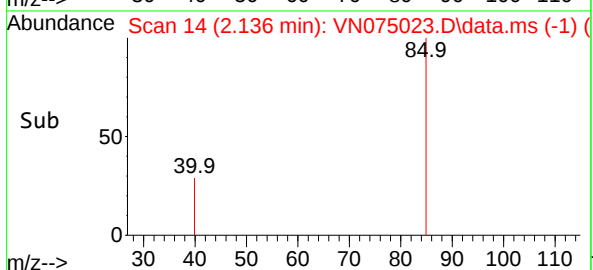
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

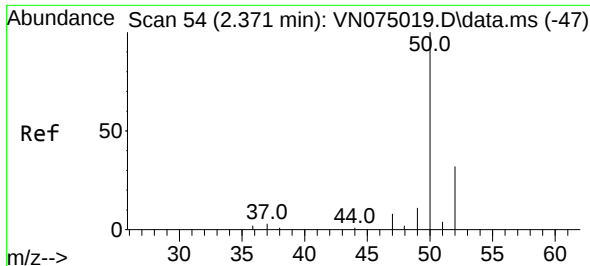


#2
Dichlorodifluoromethane
Concen: 0.777 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



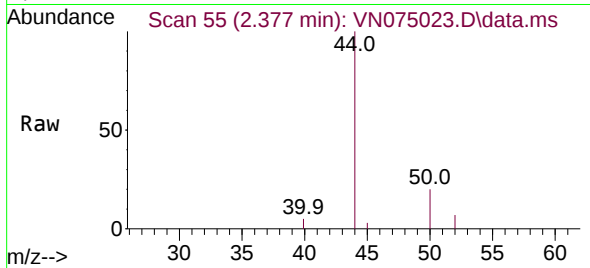
Tgt Ion: 85 Resp: 950
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.0#





#3
Chloromethane
Concen: 1.213 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

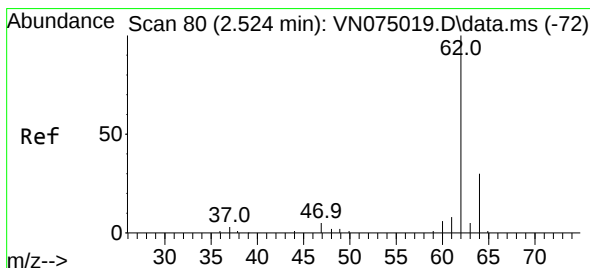
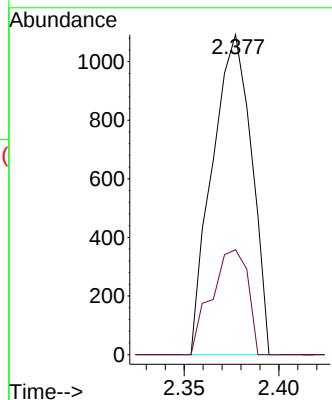
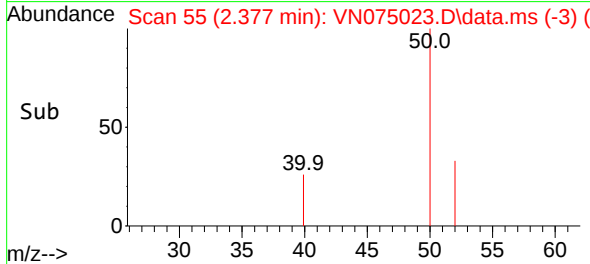
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



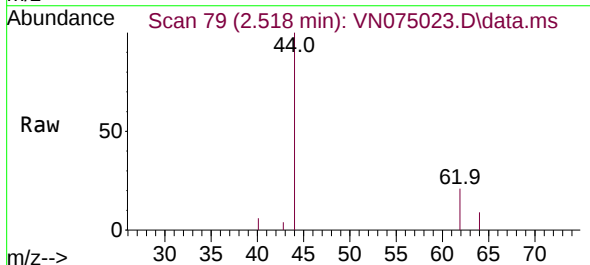
Tgt Ion: 50 Resp: 1570
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6

Manual Integrations
APPROVED

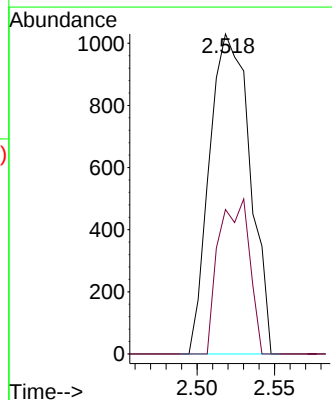
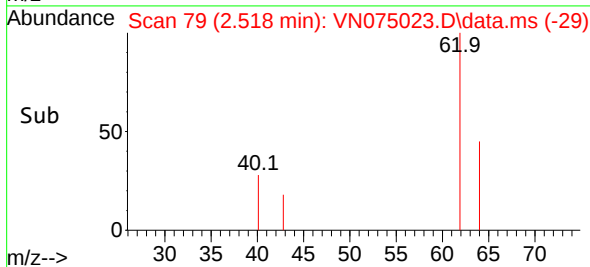
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Vinyl Chloride
Concen: 1.011 ug/l
RT: 2.518 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion: 62 Resp: 1873
Ion Ratio Lower Upper
62 100
64 45.1 24.0 36.0





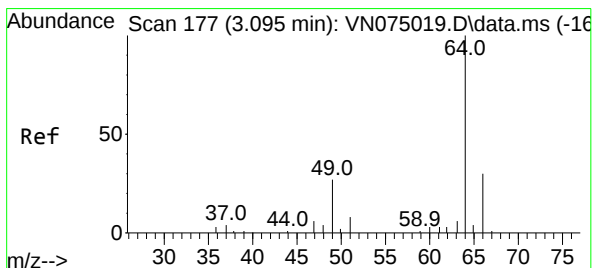
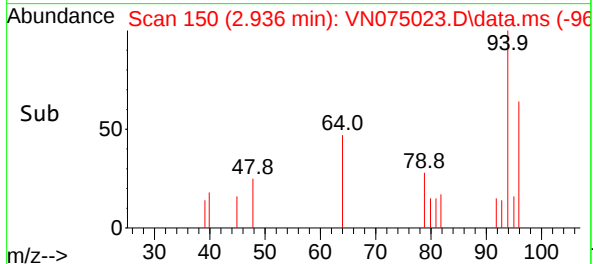
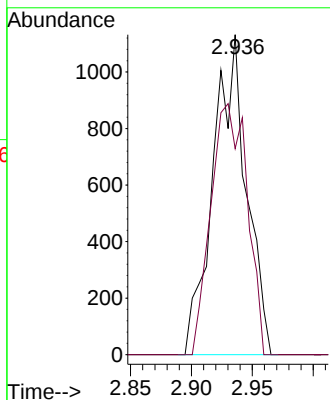
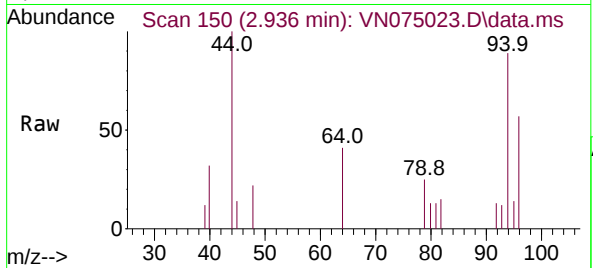
#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 64.4 71.8 107.6

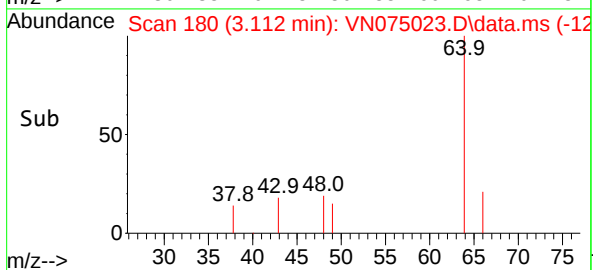
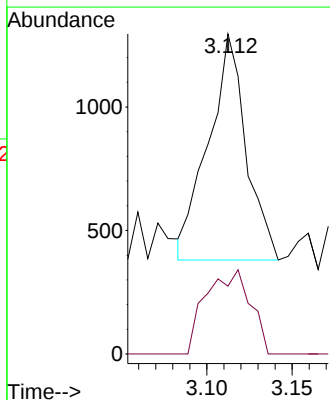
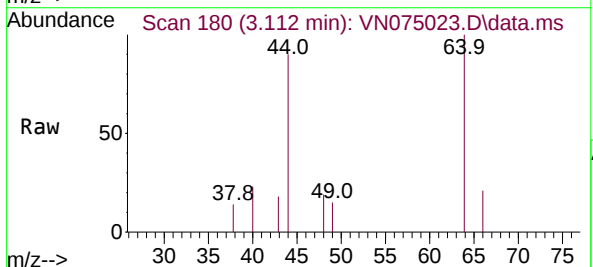
Manual Integrations
APPROVED

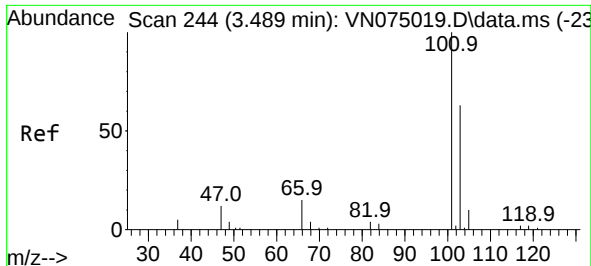
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#6
Chloroethane
Concen: 1.059 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

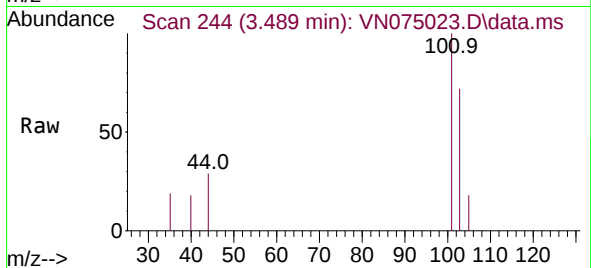
Tgt Ion: 64 Resp: 1407
Ion Ratio Lower Upper
64 100
66 30.0 23.8 35.8





#7
Trichlorofluoromethane
Concen: 1.026 ug/l
RT: 3.489 min Scan# 244
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

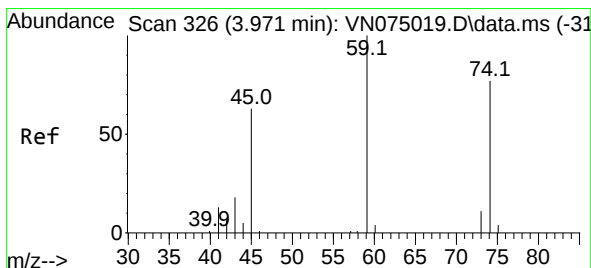
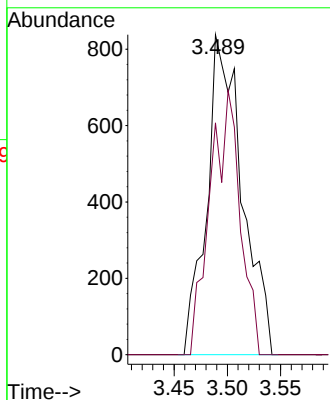
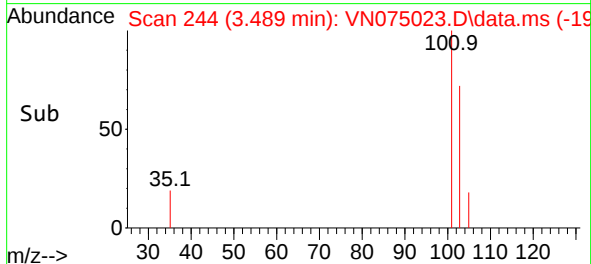
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



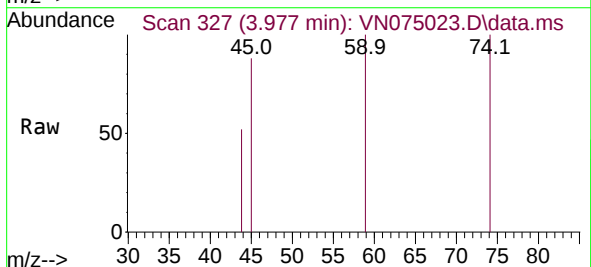
Tgt Ion:101 Resp: 194
Ion Ratio Lower Upper
101 100
103 72.4 50.5 75.7

Manual Integrations
APPROVED

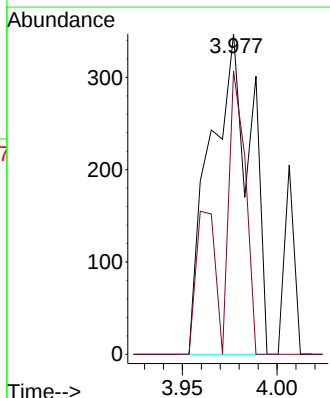
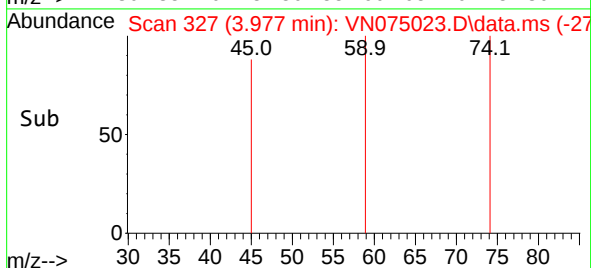
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Diethyl Ether
Concen: 0.757 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion: 74 Resp: 523
Ion Ratio Lower Upper
74 100
45 56.0 39.3 117.9





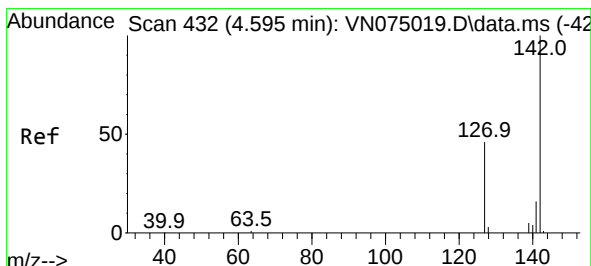
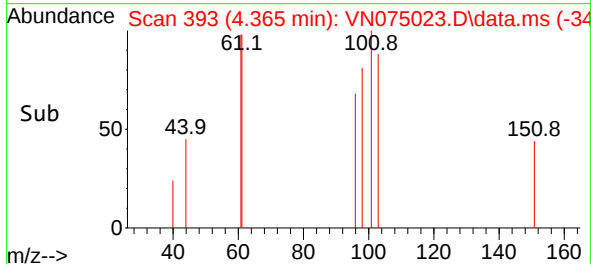
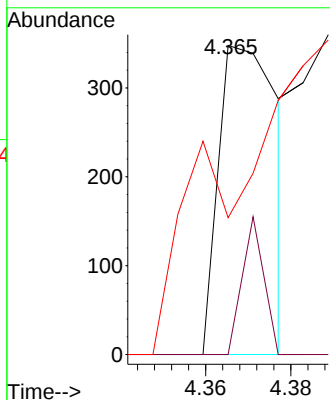
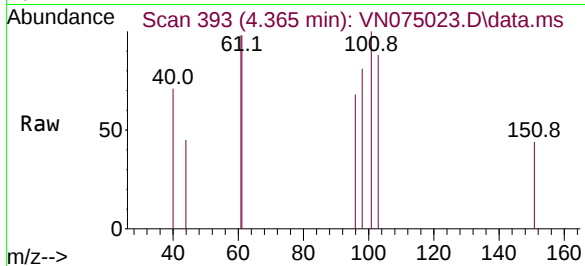
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.329 ug/l
RT: 4.365 min Scan# 396
Delta R.T. -0.018 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 344
Ion Ratio Lower Upper
101 100
85 16.0 37.6 56.4
151 56.7 58.3 87.5

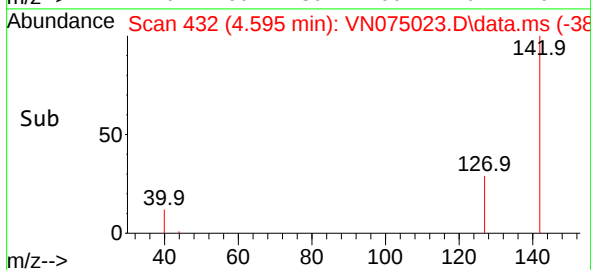
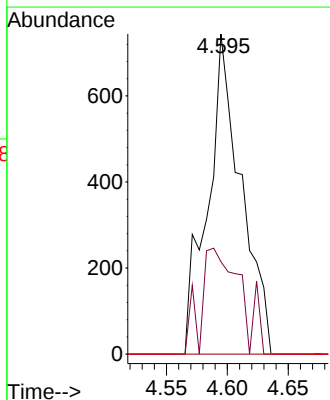
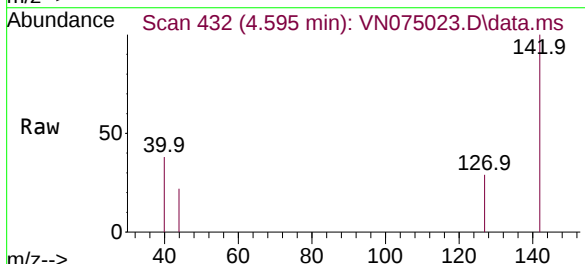
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 0.913 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion:142 Resp: 1421
Ion Ratio Lower Upper
142 100
127 39.5 38.0 57.0
141 0.0 12.2 18.4





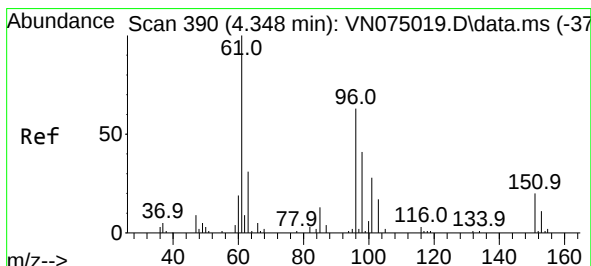
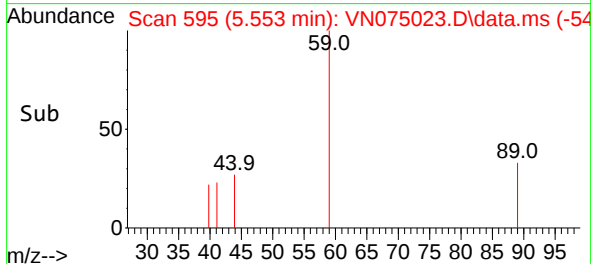
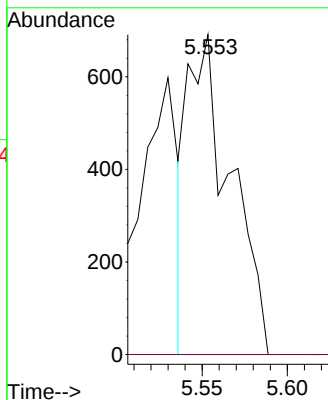
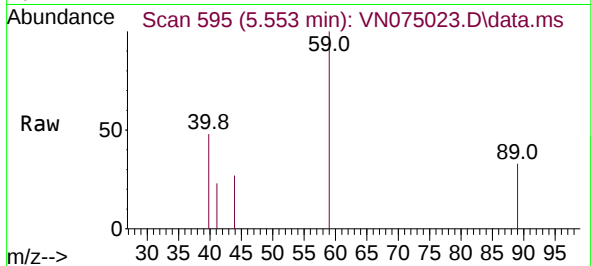
#11
Tert butyl alcohol
Concen: 4.147 ug/l
RT: 5.553 min Scan# 593
Delta R.T. 0.011 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 1225
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7

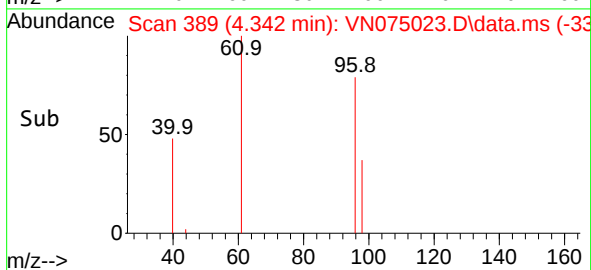
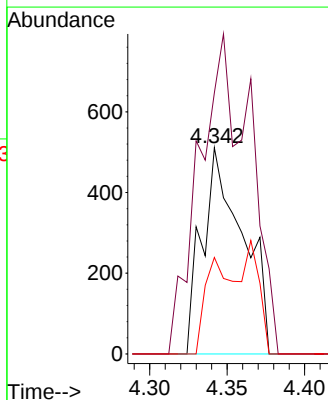
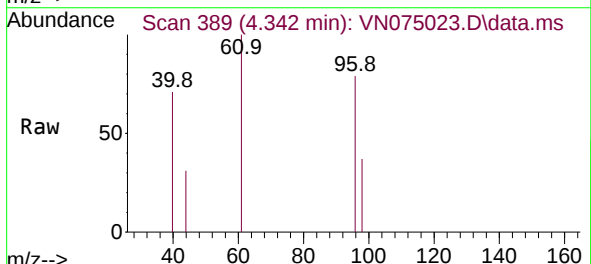
Manual Integrations
APPROVED

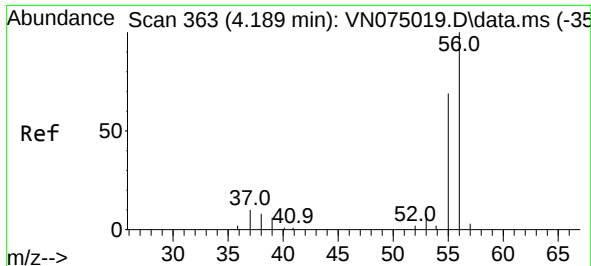
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 0.932 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 96 Resp: 929
Ion Ratio Lower Upper
96 100
61 126.6 126.2 189.4
98 46.8 51.5 77.3





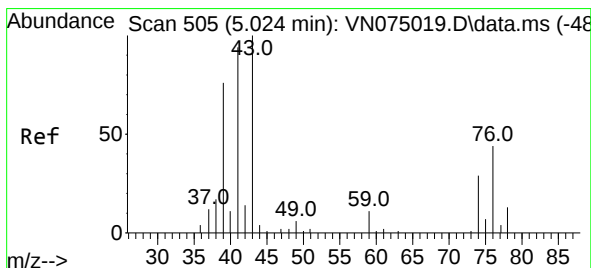
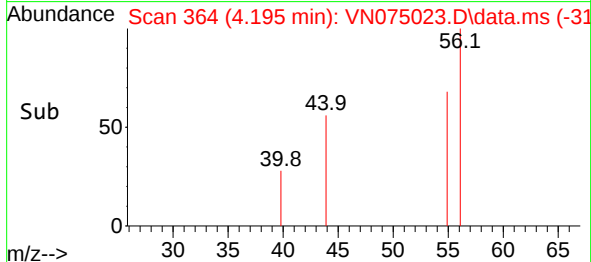
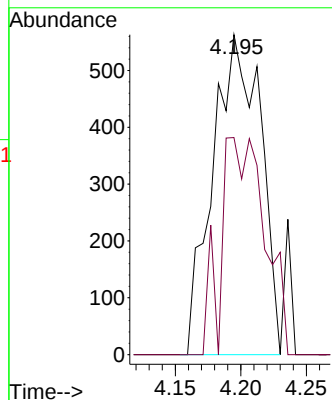
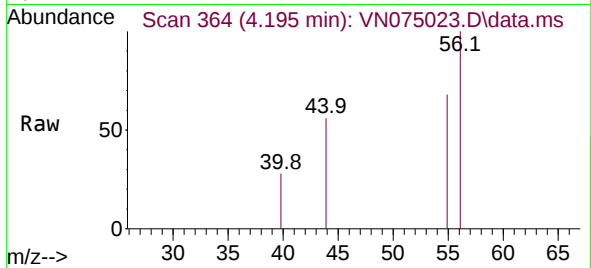
#13
Acrolein
Concen: 5.931 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 62.5 55.2 82.8

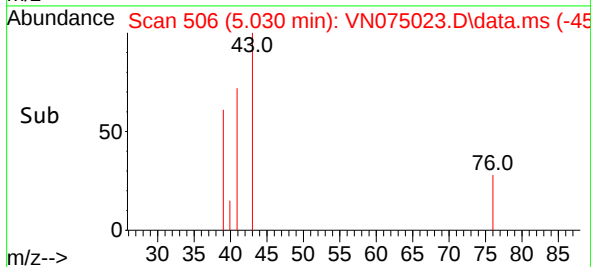
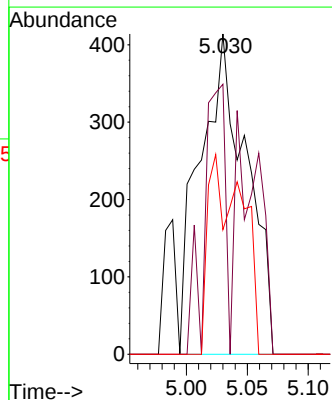
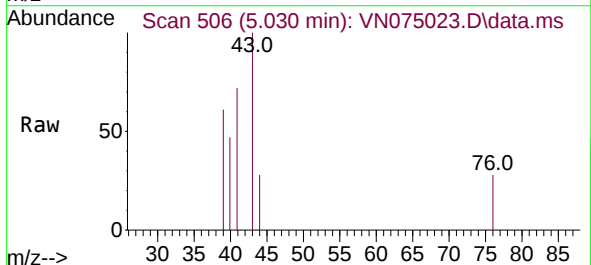
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 0.756 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 41 Resp: 1101
Ion Ratio Lower Upper
41 100
39 37.8 61.0 91.4#
76 26.6 33.4 50.0#





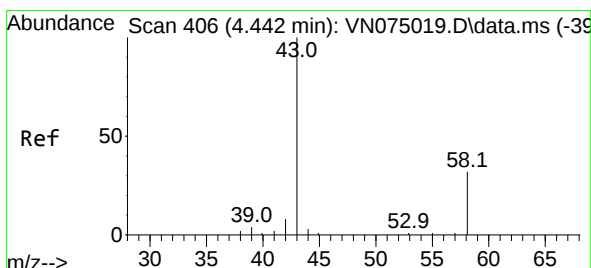
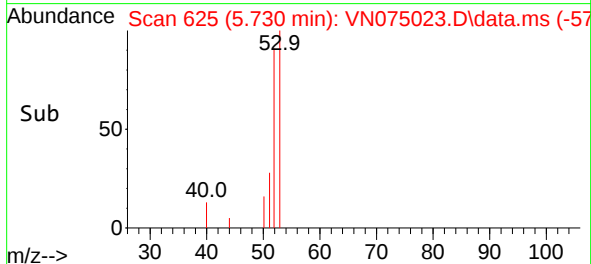
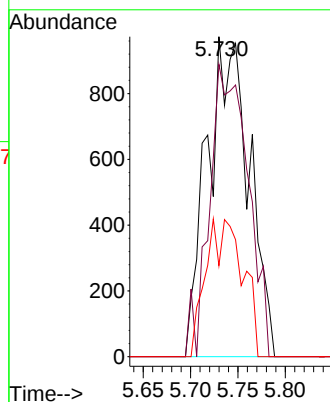
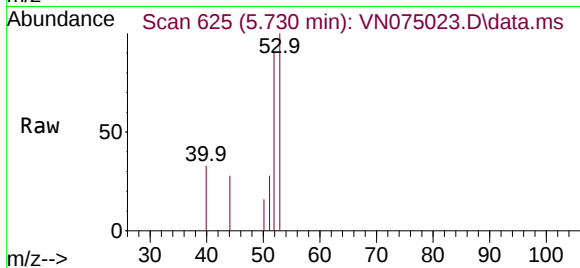
#15
Acrylonitrile
Concen: 4.827 ug/l
RT: 5.730 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 53 Resp: 3012
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.7 29.6 44.4

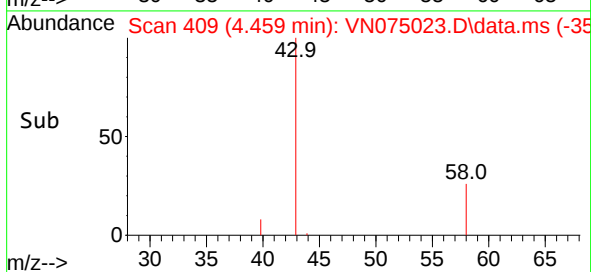
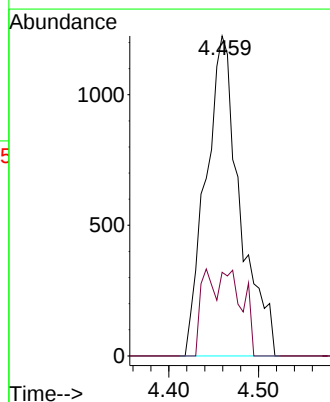
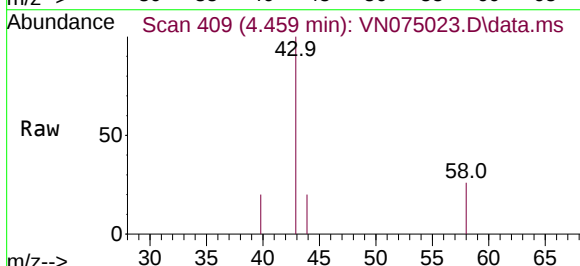
Manual Integrations
APPROVED

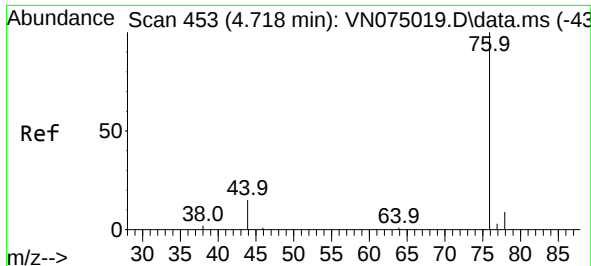
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 6.029 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

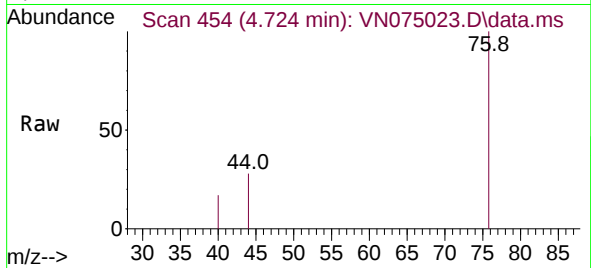
Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
58 26.1 25.5 38.3





#17
Carbon Disulfide
Concen: 1.193 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

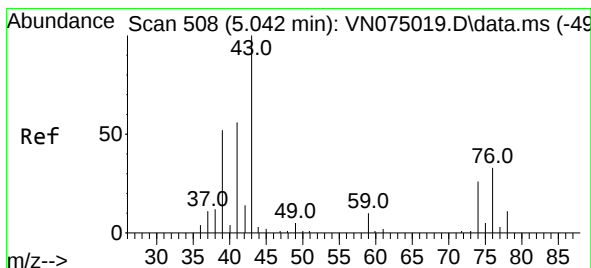
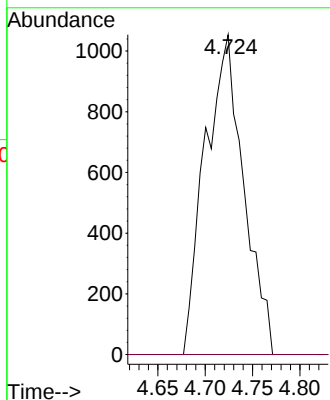
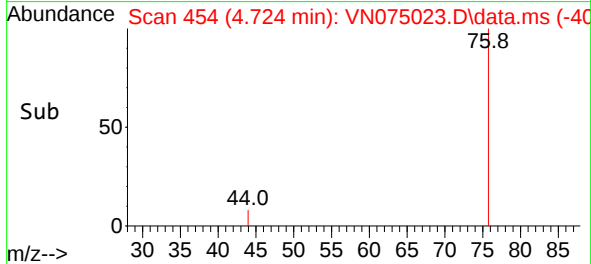
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 2989
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2

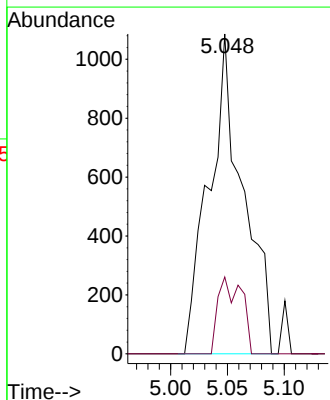
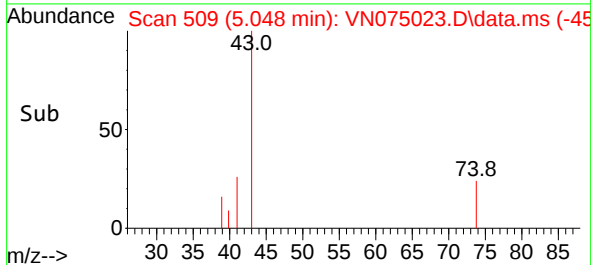
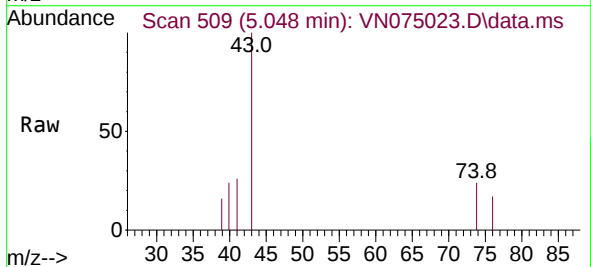
Manual Integrations
APPROVED

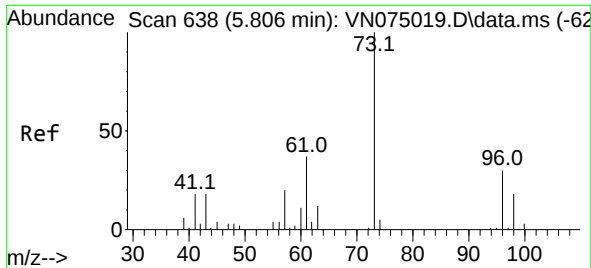
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 1.289 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
74 16.6 22.0 33.0





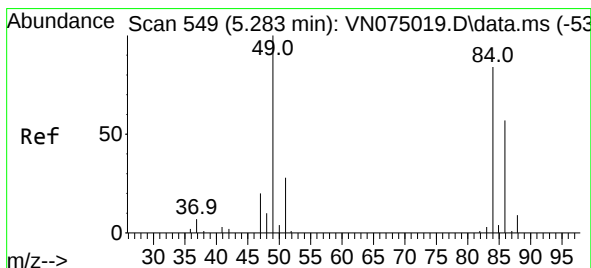
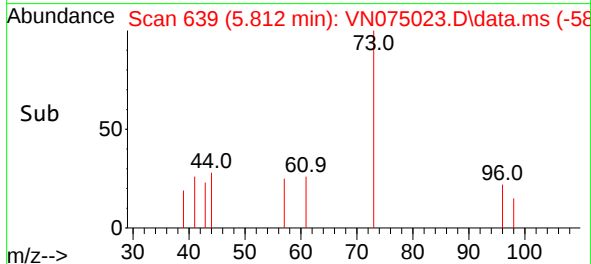
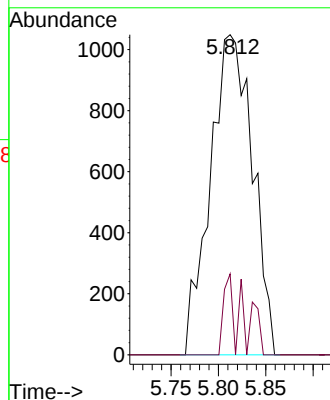
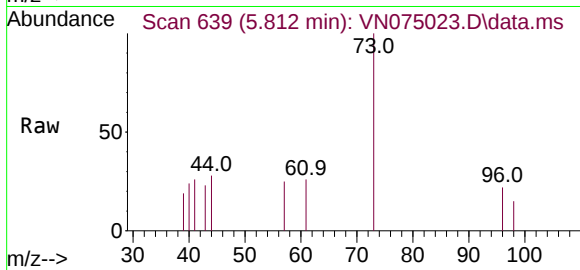
#19
Methyl tert-butyl Ether
Concen: 0.881 ug/l
RT: 5.812 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 326
Ion Ratio Lower Upper
73 100
57 25.3 16.3 24.5

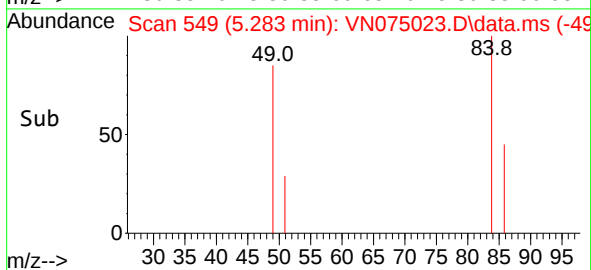
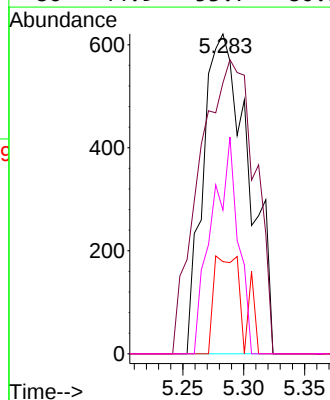
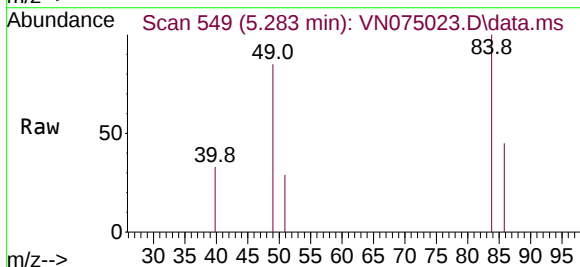
Manual Integrations
APPROVED

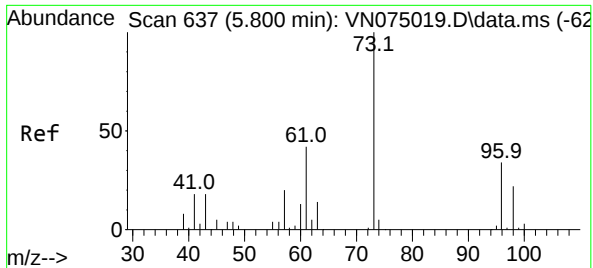
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 1.344 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 84 Resp: 1607
Ion Ratio Lower Upper
84 100
49 84.7 94.9 142.3#
51 28.8 26.8 40.2
86 44.9 53.7 80.5#





#21
trans-1,2-Dichloroethene
Concen: 0.339 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.017 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

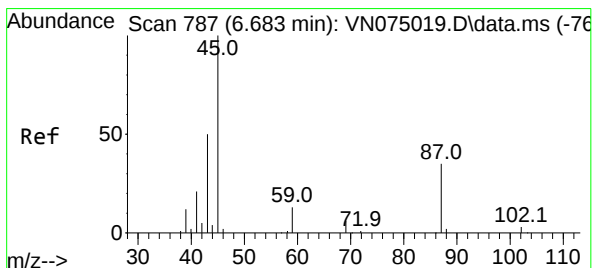
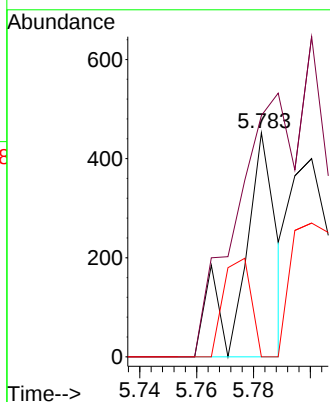
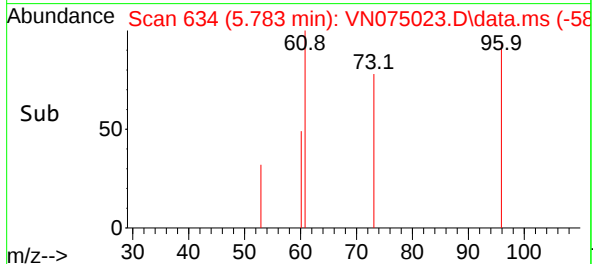
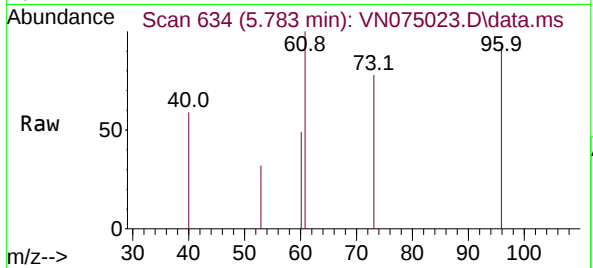
VSTDIC001

Tgt Ion: 96 Resp: 370
Ion Ratio Lower Upper
96 100
61 107.7 99.9 149.9
98 0.0 51.5 77.3

Manual Integrations

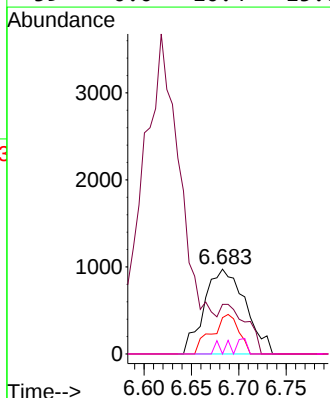
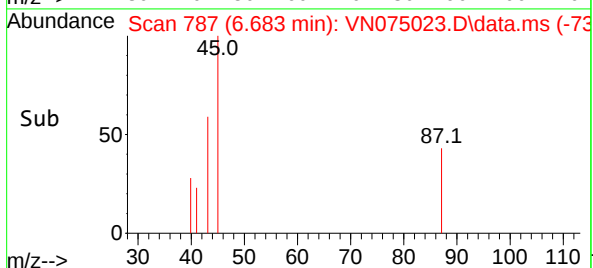
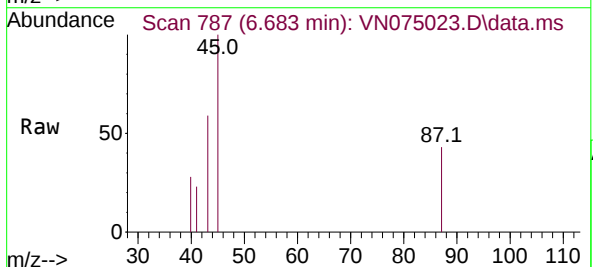
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 0.917 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 45 Resp: 2947
Ion Ratio Lower Upper
45 100
43 58.5 42.8 64.2
87 42.9 28.4 42.6#
59 0.0 10.4 15.6#





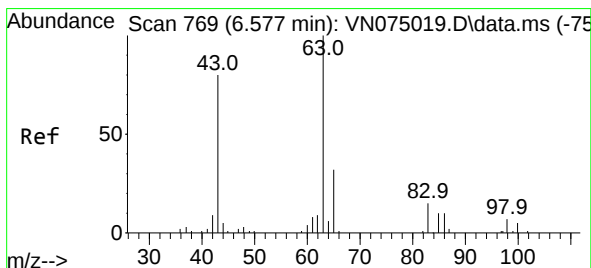
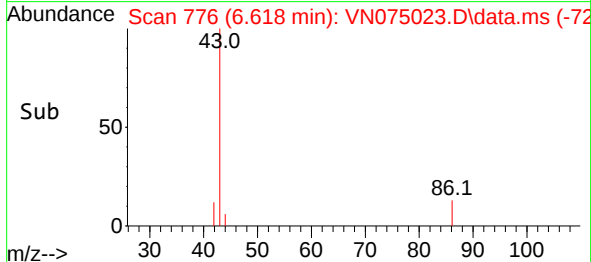
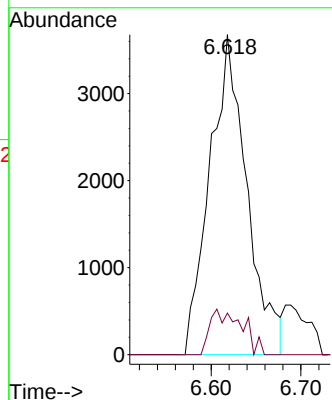
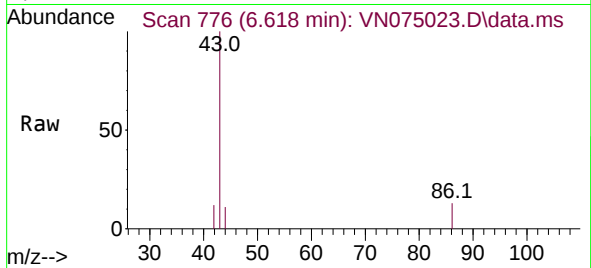
#23
 Vinyl Acetate
 Concen: 3.935 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 10554
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.7 16.1

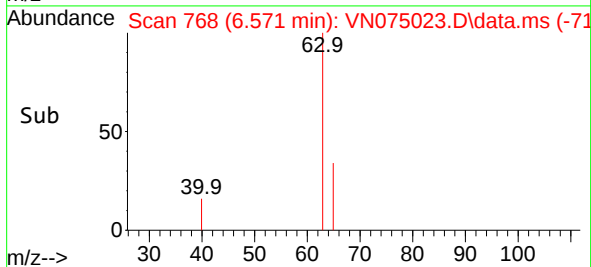
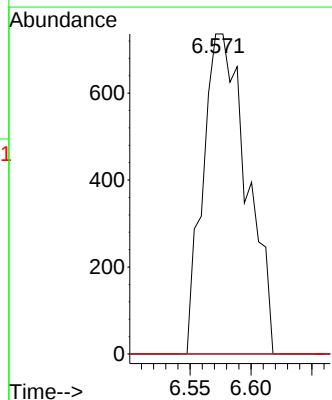
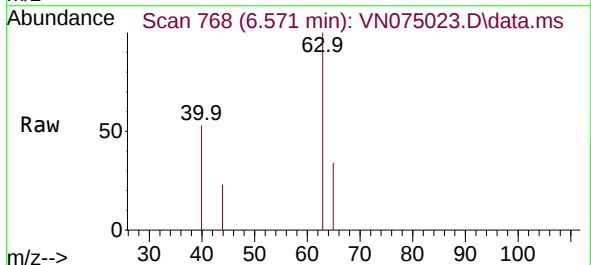
Manual Integrations
 APPROVED

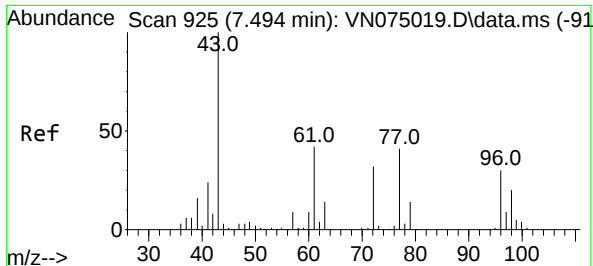
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 0.905 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14

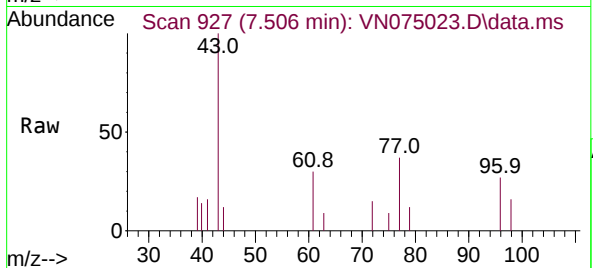
Tgt Ion: 63 Resp: 1838
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.4 7.2#





#25
2-Butanone
Concen: 5.610 ug/l
RT: 7.506 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

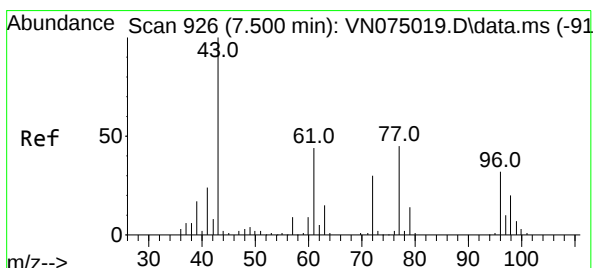
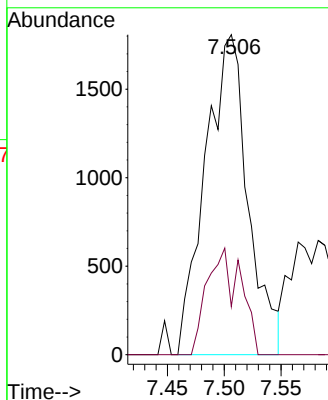
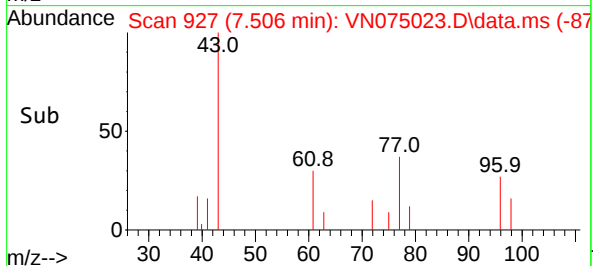
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



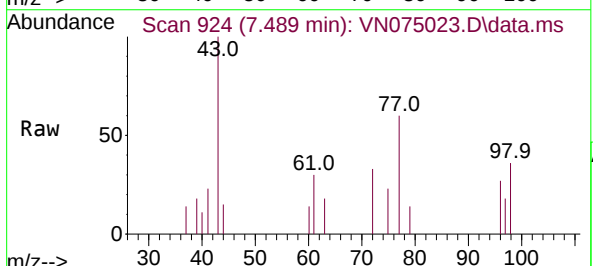
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
72 15.0 25.5 38.3

Manual Integrations
APPROVED

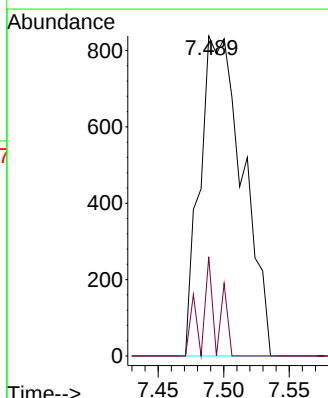
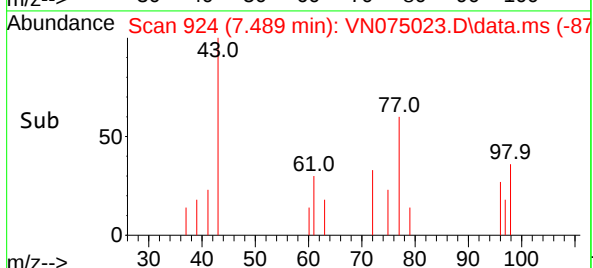
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

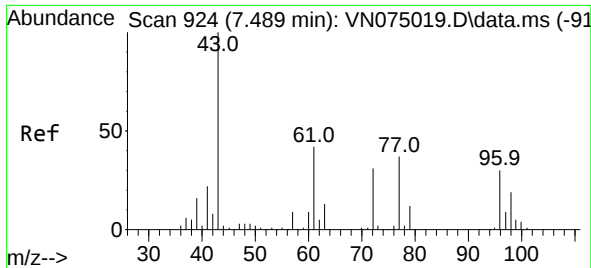


#26
2,2-Dichloropropane
Concen: 1.020 ug/l
RT: 7.489 min Scan# 924
Delta R.T. -0.011 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



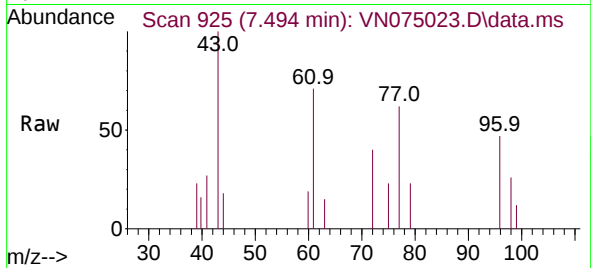
Tgt Ion: 77 Resp: 1906
Ion Ratio Lower Upper
77 100
97 11.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.991 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14

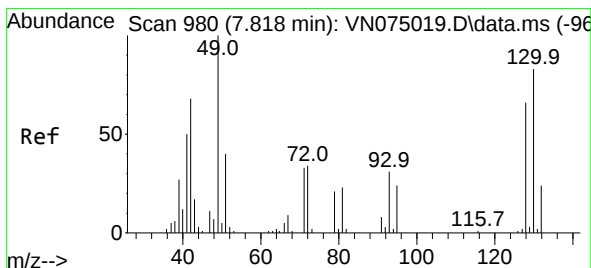
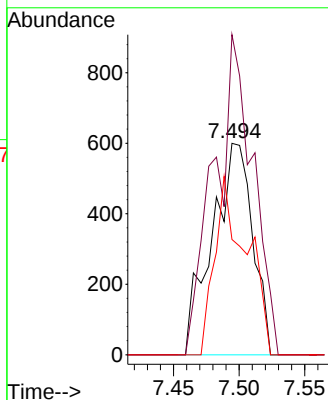
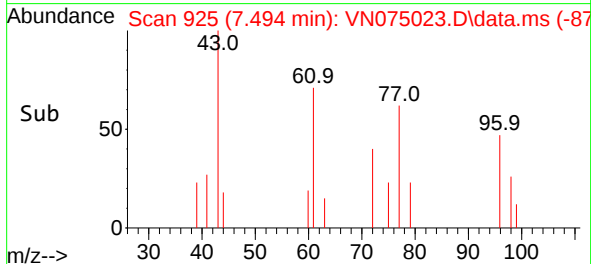
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 129
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 278.8
 98 66.0 0.0 128.4

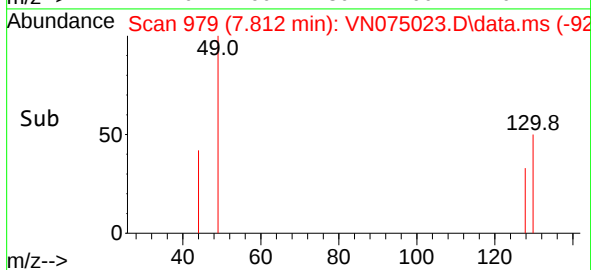
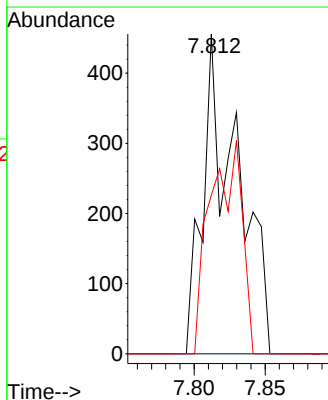
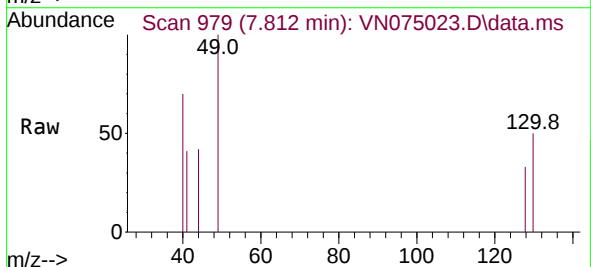
Manual Integrations
 APPROVED

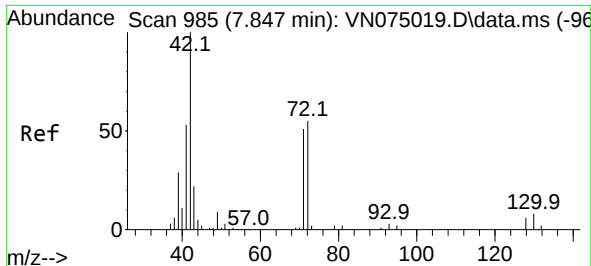
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 0.893 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14

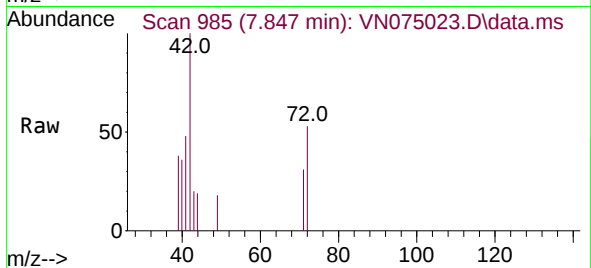
Tgt Ion: 49 Resp: 765
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 61.8 66.2 99.4#





#29
Tetrahydrofuran
Concen: 4.835 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

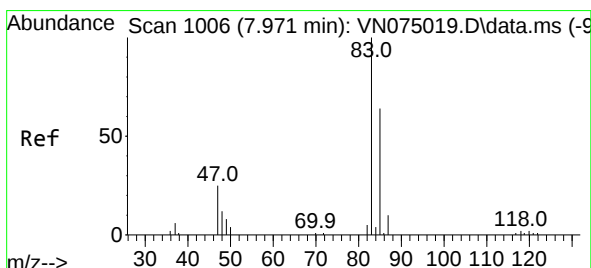
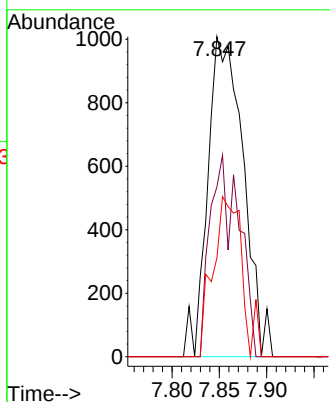
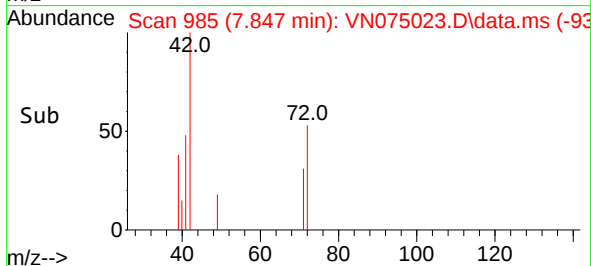
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



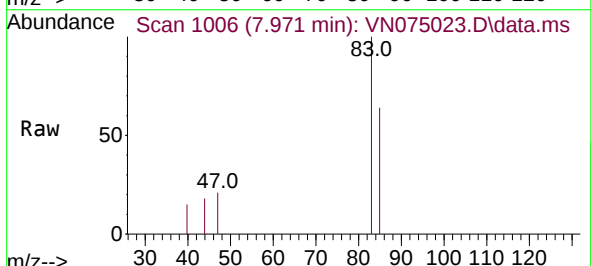
Tgt Ion: 42 Resp: 2630
Ion Ratio Lower Upper
42 100
72 51.3 43.0 64.6
71 38.2 39.9 59.9

Manual Integrations
APPROVED

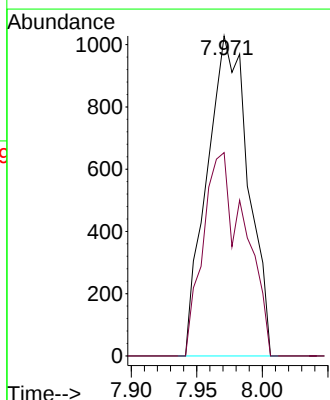
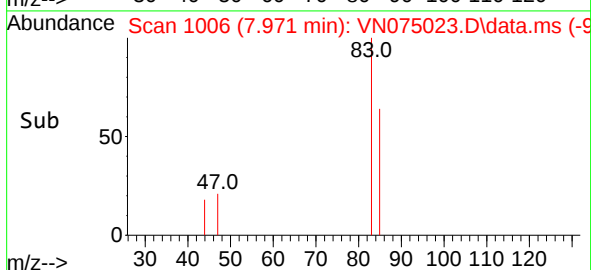
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

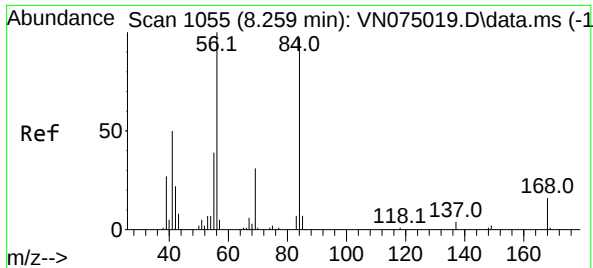


#30
Chloroform
Concen: 1.021 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



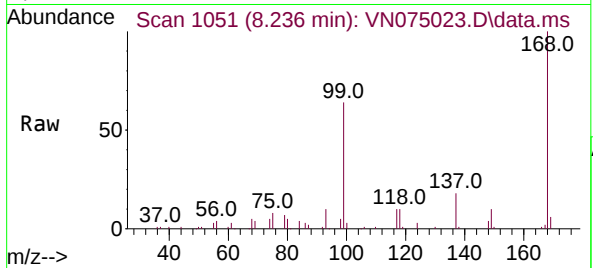
Tgt Ion: 83 Resp: 2251
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0





#31
Cyclohexane
Concen: 2.413 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

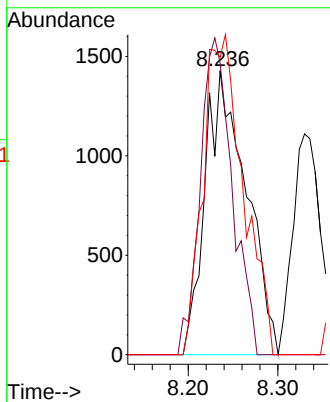
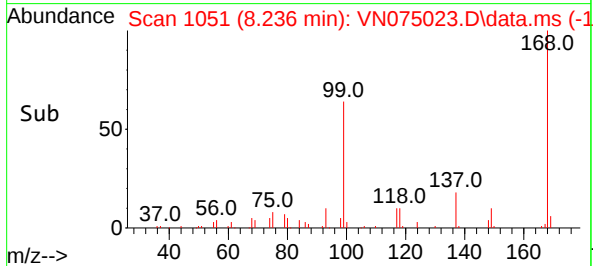
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



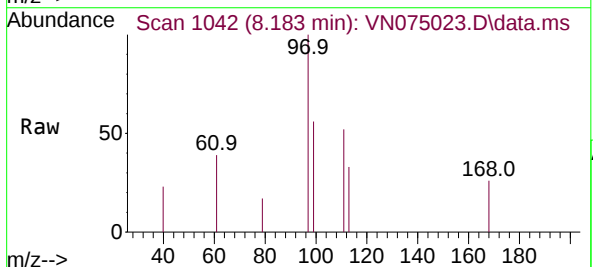
Tgt Ion: 56 Resp: 454
Ion Ratio Lower Upper
56 100
69 102.7 25.2 37.8
84 104.7 77.8 116.8

Manual Integrations
APPROVED

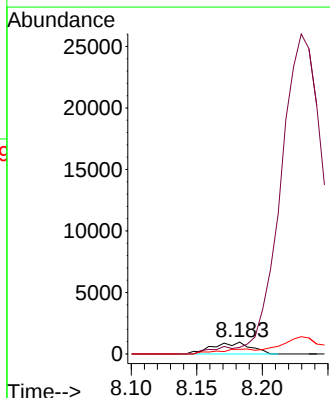
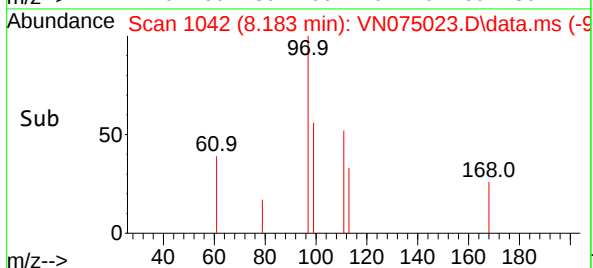
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 0.965 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion: 97 Resp: 1933
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2
61 40.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 0.915 ug/l

RT: 8.594 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 65 Resp: 1159

Ion Ratio Lower Upper

65 100

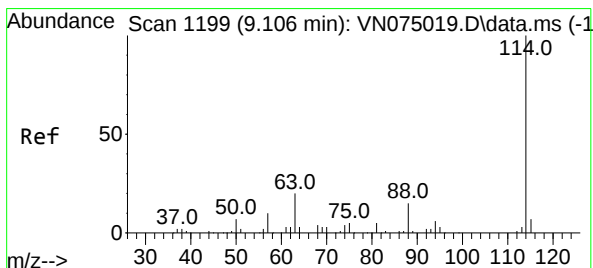
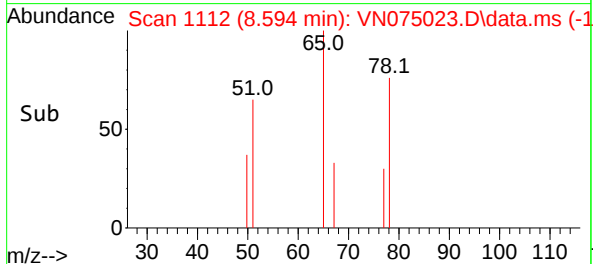
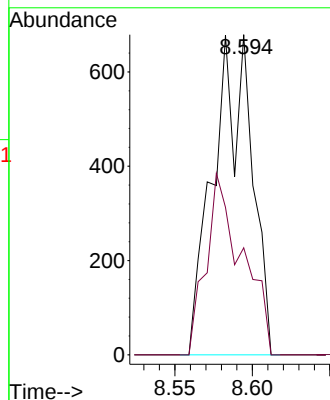
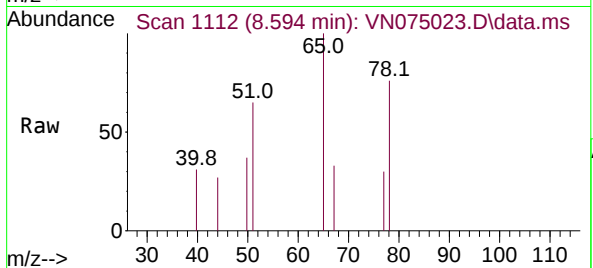
67 53.7 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

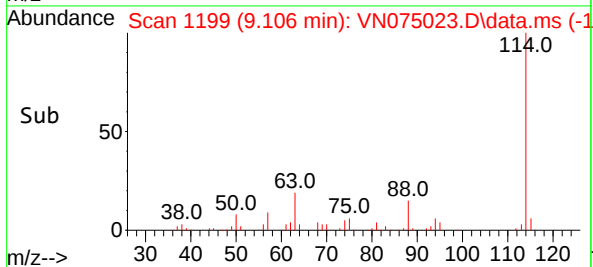
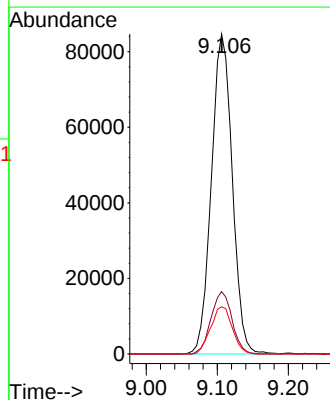
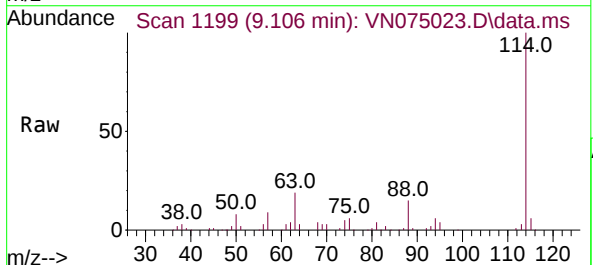
Tgt Ion:114 Resp: 172649

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 0.850 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 113 Resp: 862

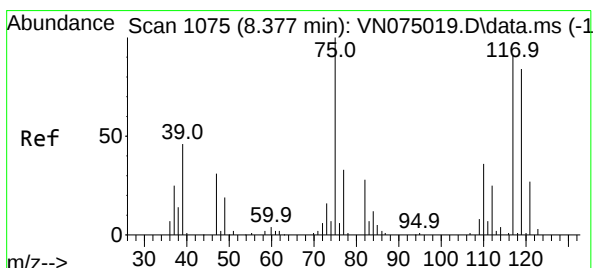
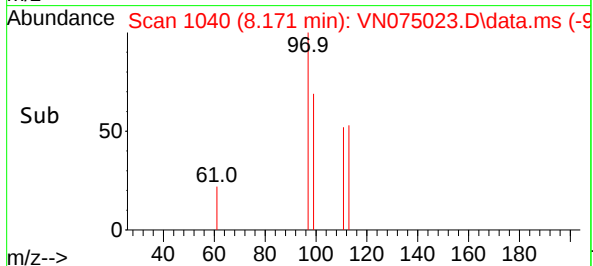
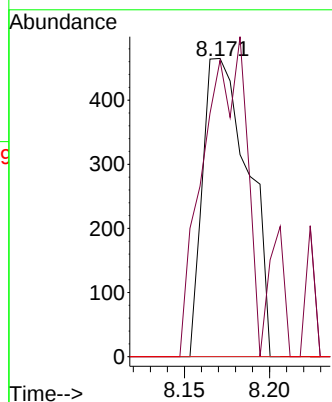
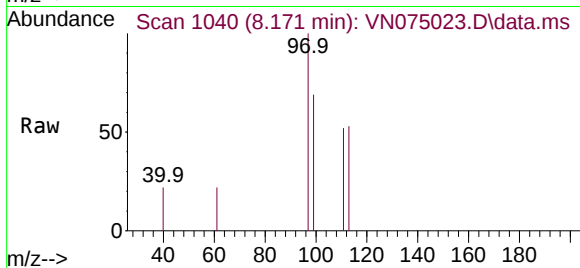
Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.5	120.7
192	0.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 0.996 ug/l

RT: 8.377 min Scan# 1075

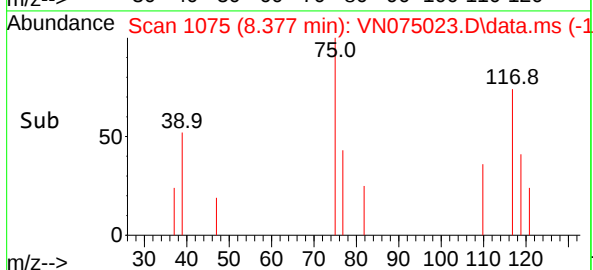
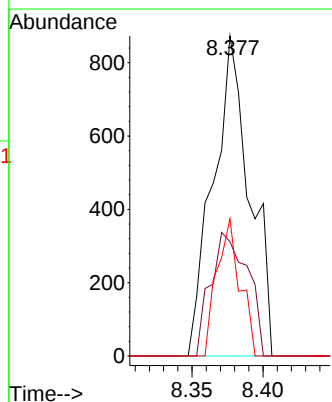
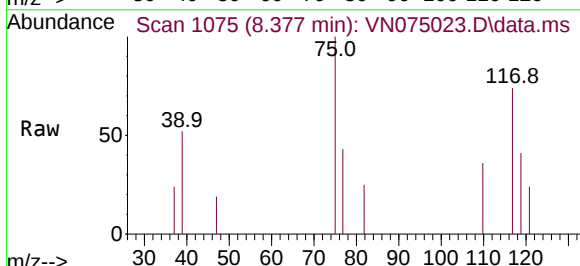
Delta R.T. -0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion: 75 Resp: 1563

Ion	Ratio	Lower	Upper
75	100		
110	39.0	17.8	53.3
77	27.3	24.6	37.0





#37

Ethyl Acetate

Concen: 0.287 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 494

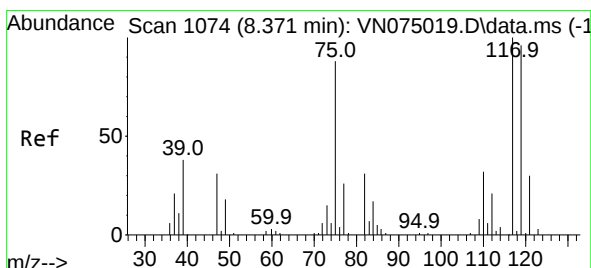
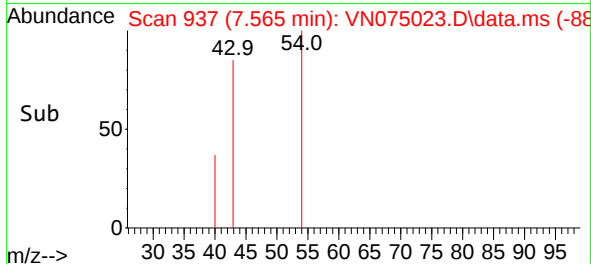
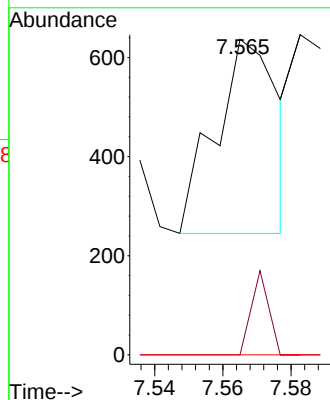
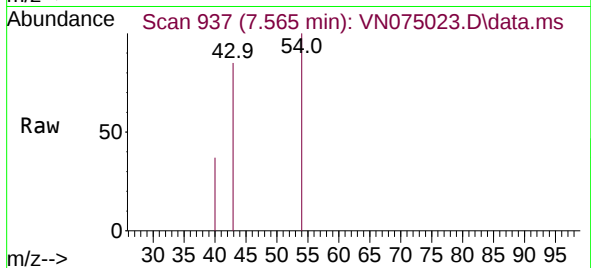
Ion	Ratio	Lower	Upper
43	100		
61	12.1	12.2	18.4
70	0.0	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 1.049 ug/l

RT: 8.359 min Scan# 1072

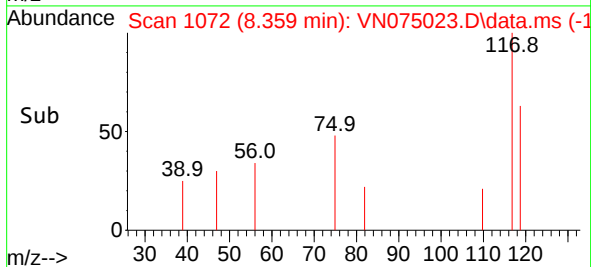
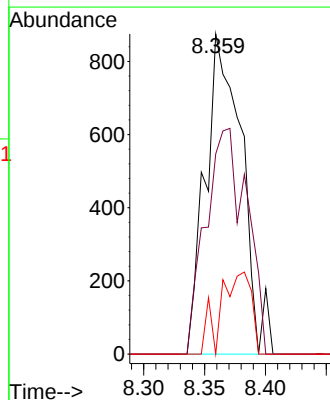
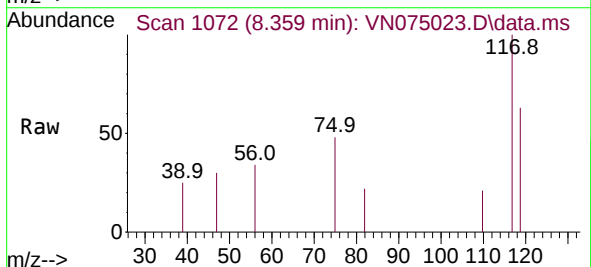
Delta R.T. -0.012 min

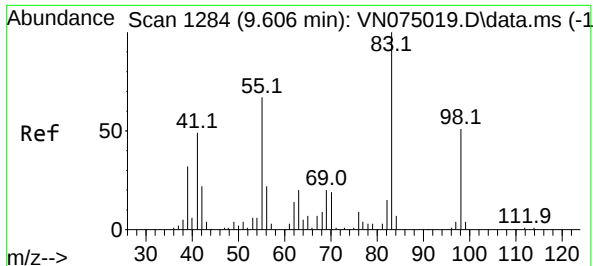
Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion: 117 Resp: 1811

Ion	Ratio	Lower	Upper
117	100		
119	62.5	76.7	115.1
121	0.0	23.9	35.9





#39

Methylcyclohexane

Concen: 0.854 ug/l

RT: 9.600 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 1770

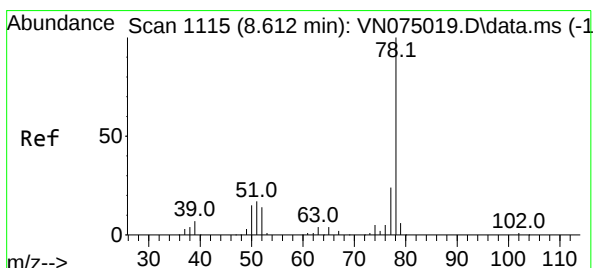
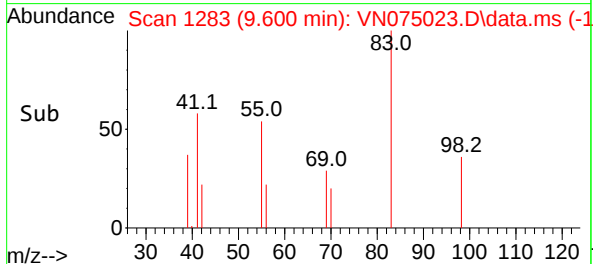
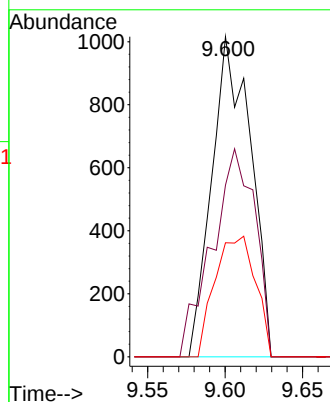
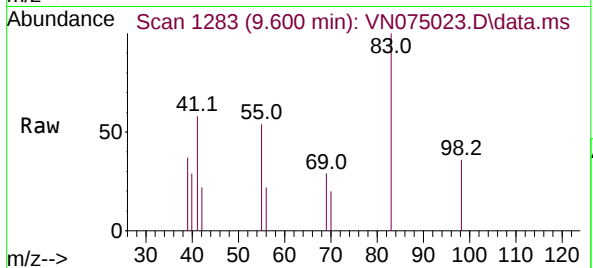
Ion	Ratio	Lower	Upper
83	100		
55	53.6	53.6	80.4
98	35.6	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 0.962 ug/l

RT: 8.612 min Scan# 1115

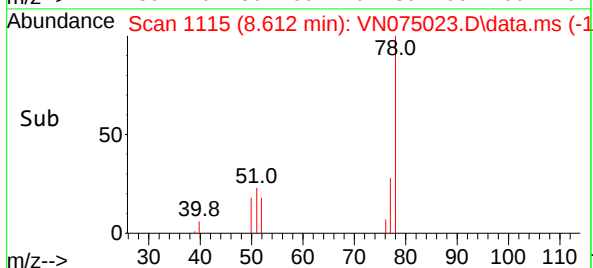
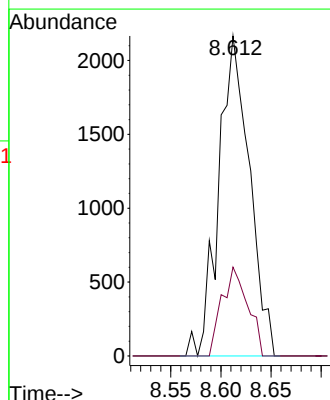
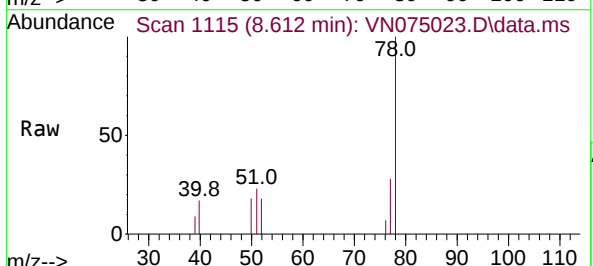
Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion: 78 Resp: 4620

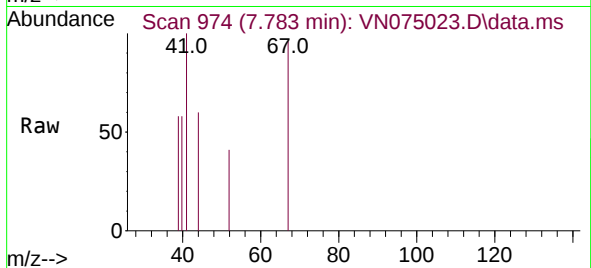
Ion	Ratio	Lower	Upper
78	100		
77	27.7	19.4	29.0





#41
Methacrylonitrile
Concen: 0.827 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

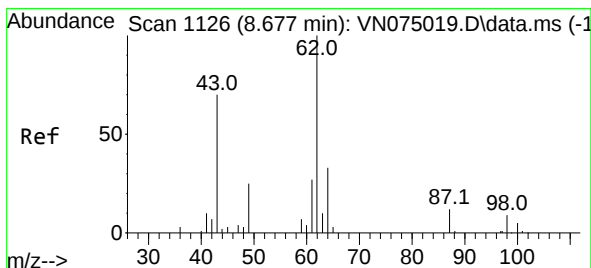
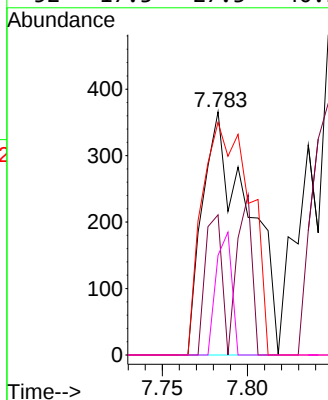
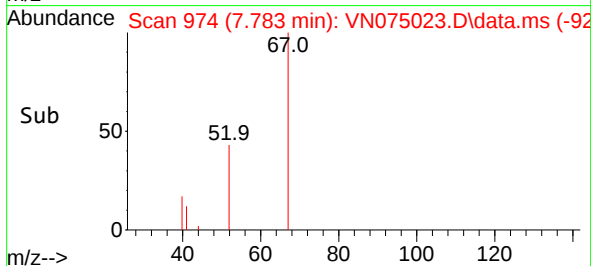
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
39 21.0 44.4 66.6
67 100.1 69.8 104.6
52 17.3 27.3 40.9#

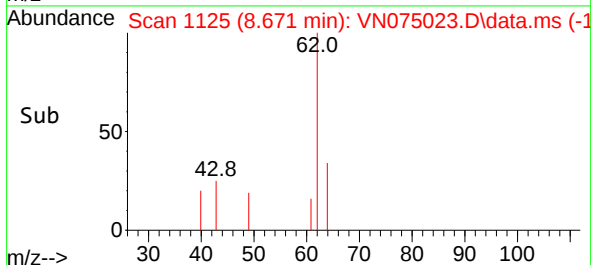
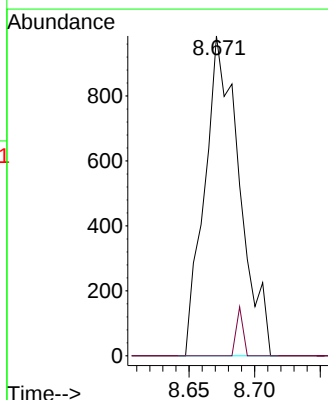
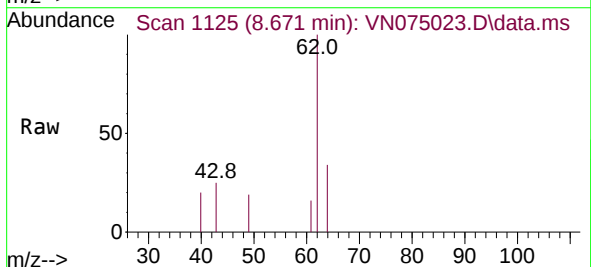
Manual Integrations
APPROVED

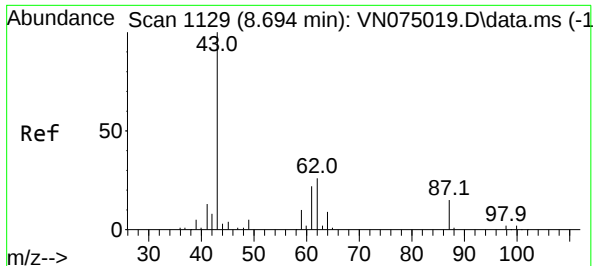
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 1.040 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 62 Resp: 1817
Ion Ratio Lower Upper
62 100
98 2.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 0.916 ug/l

RT: 8.700 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

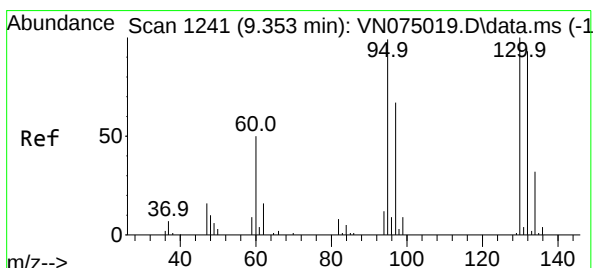
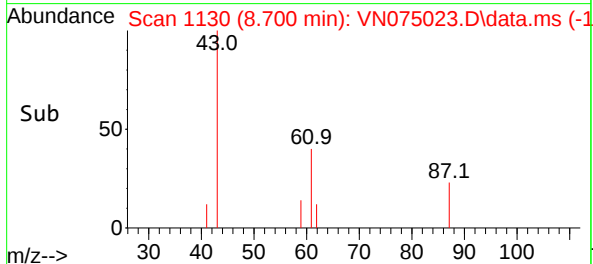
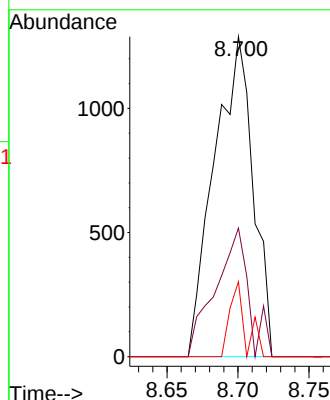
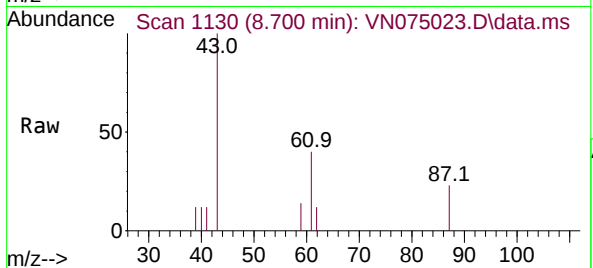
Tgt Ion: 43	Resp: 244
Ion Ratio	Lower Upper
43	100
61	34.6 22.4 33.6
87	9.5 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 0.987 ug/l

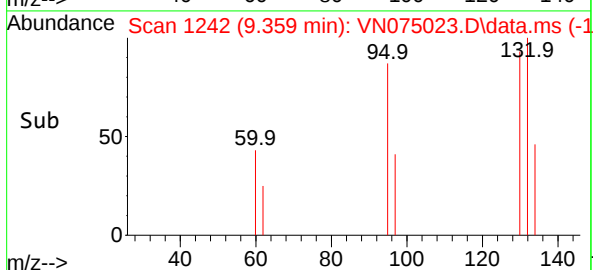
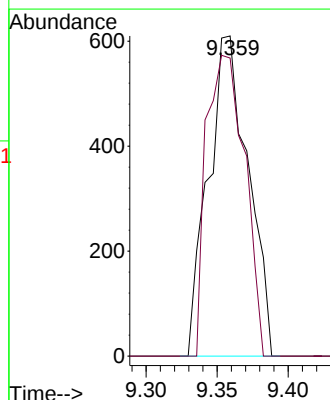
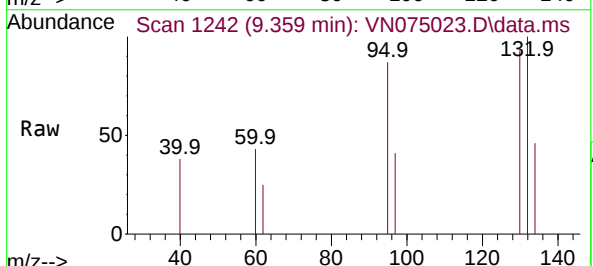
RT: 9.359 min Scan# 1242

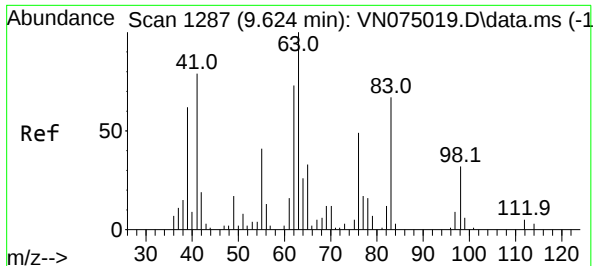
Delta R.T. 0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion:130	Resp: 1190
Ion Ratio	Lower Upper
130	100
95	93.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 1.106 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 126

Ion Ratio Lower Upper

63 100

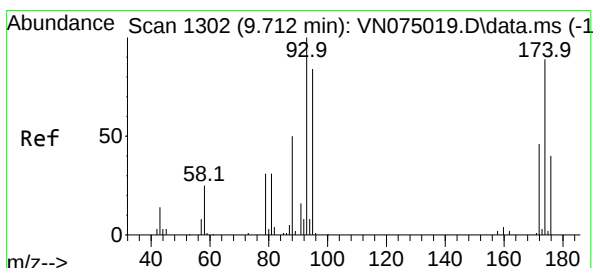
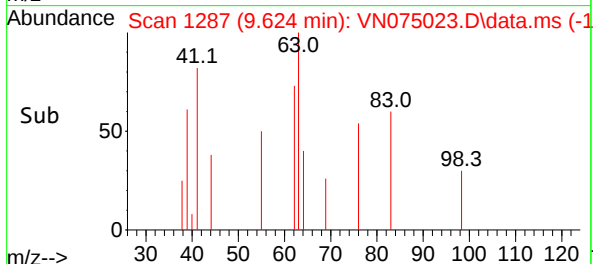
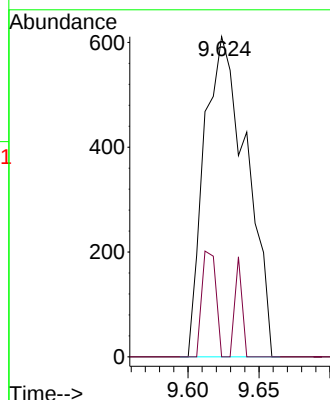
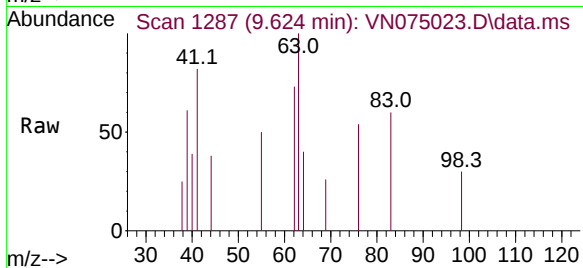
65 0.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 0.878 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

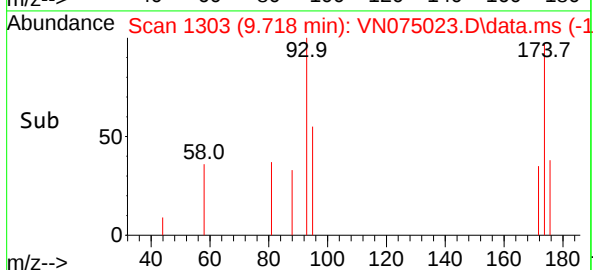
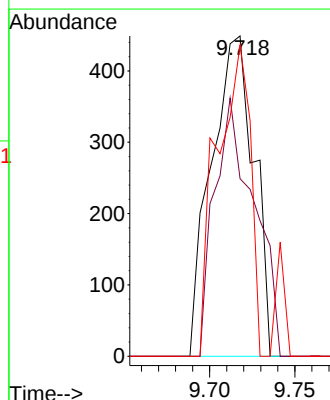
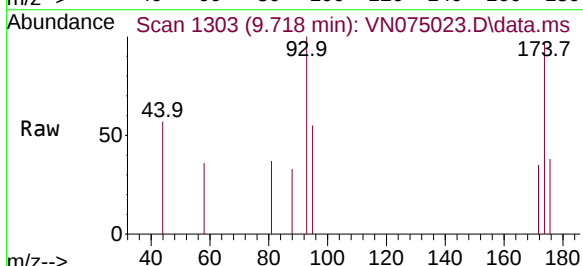
Tgt Ion: 93 Resp: 782

Ion Ratio Lower Upper

93 100

95 74.8 66.6 99.8

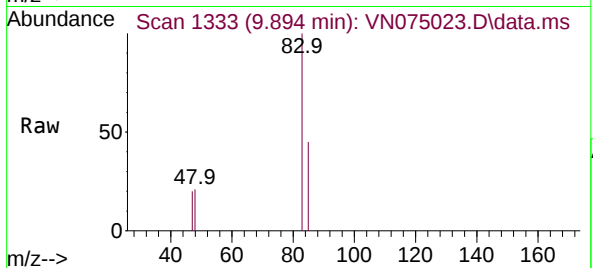
174 76.3 70.3 105.5





#47
Bromodichloromethane
Concen: 0.852 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

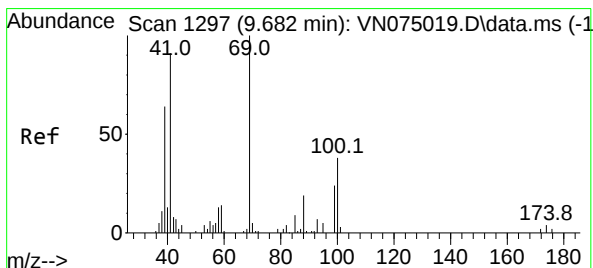
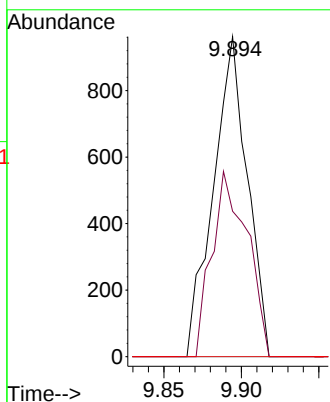
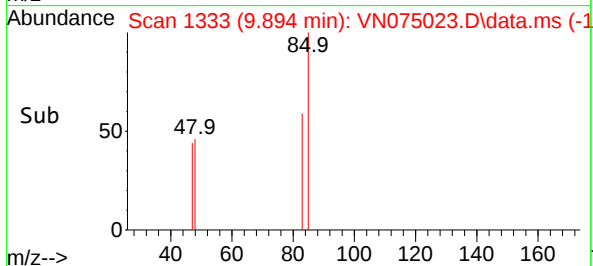
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



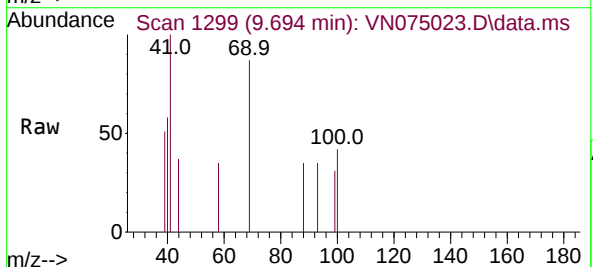
Tgt Ion: 83 Resp: 1470
Ion Ratio Lower Upper
83 100
85 45.4 52.1 78.1
127 0.0 6.6 10.0

Manual Integrations
APPROVED

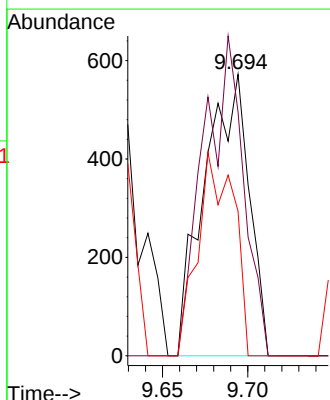
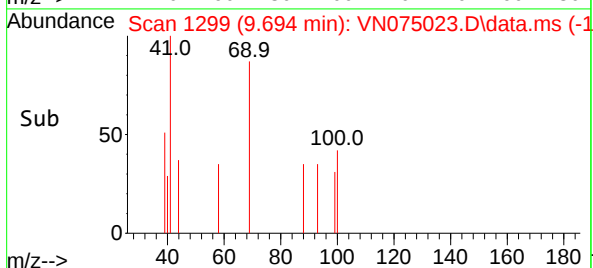
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

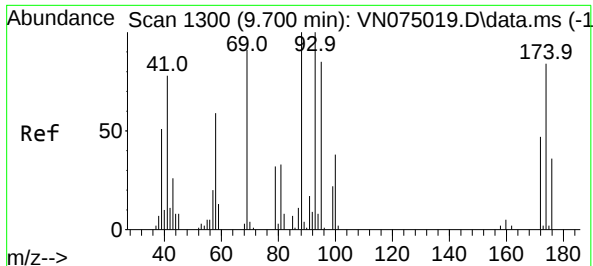


#48
Methyl methacrylate
Concen: 0.854 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. 0.012 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion: 41 Resp: 1046
Ion Ratio Lower Upper
41 100
69 101.1 80.2 120.2
39 58.3 56.2 84.2





#49

1,4-Dioxane

Concen: 17.871 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

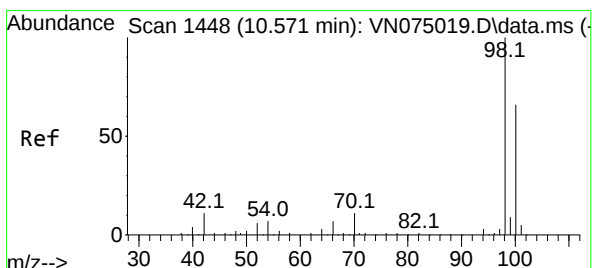
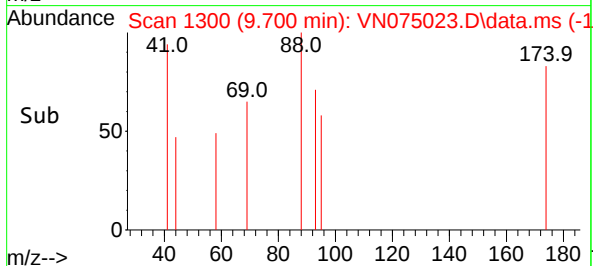
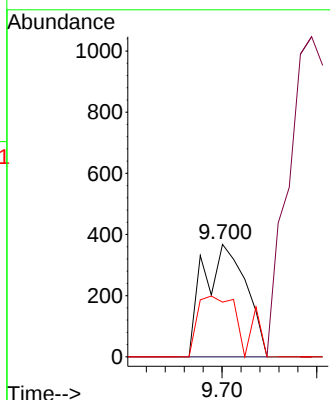
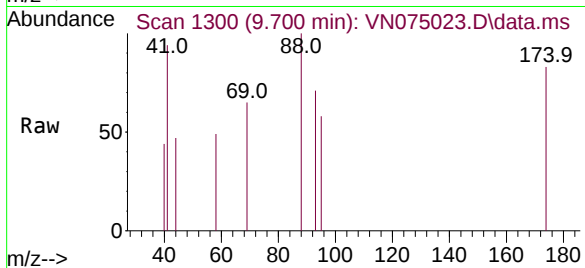
Tgt Ion: 88 Resp: 573
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.5 26.3
 58 56.4 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 1.057 ug/l

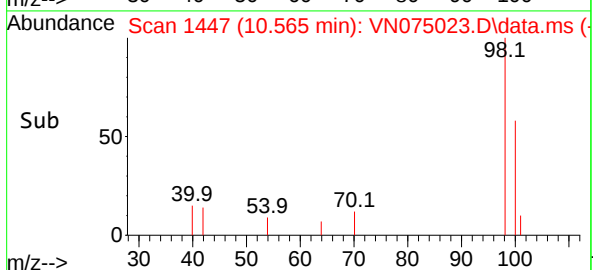
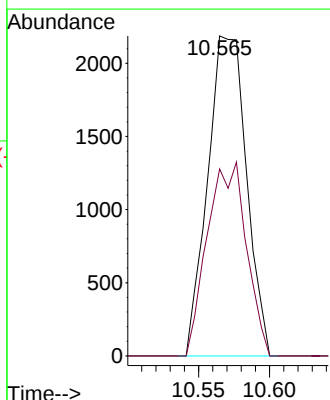
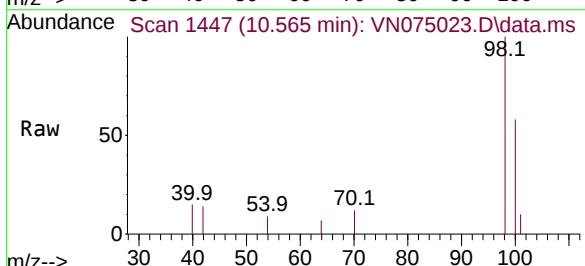
RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion: 98 Resp: 4157
 Ion Ratio Lower Upper
 98 100
 100 60.8 53.0 79.6





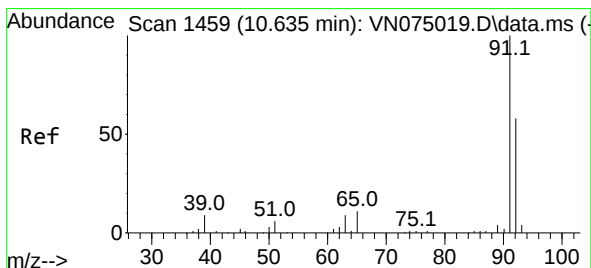
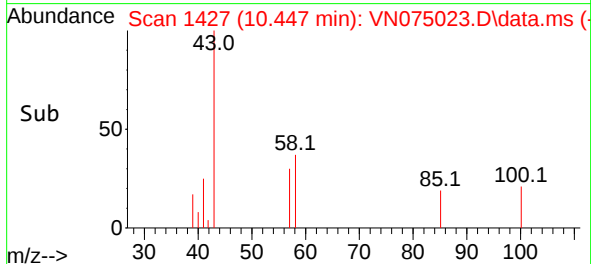
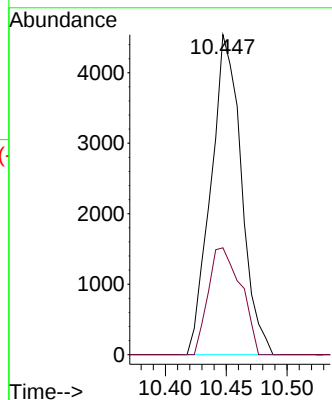
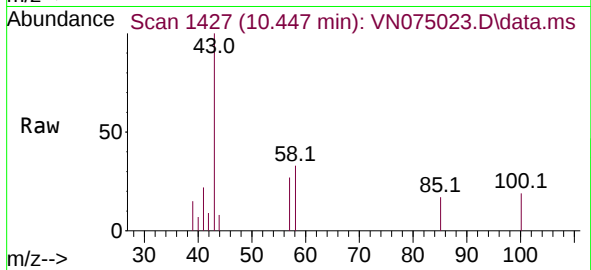
#51
4-Methyl-2-Pentanone
Concen: 4.590 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 7900
Ion Ratio Lower Upper
43 100
58 35.9 33.6 50.4

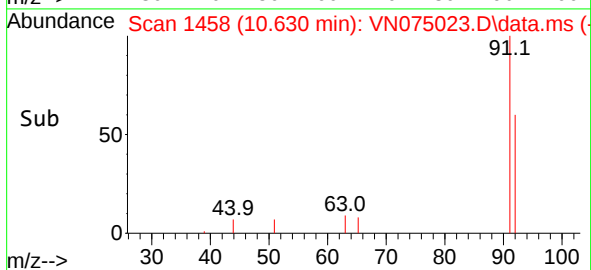
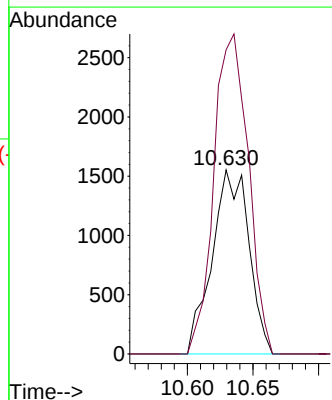
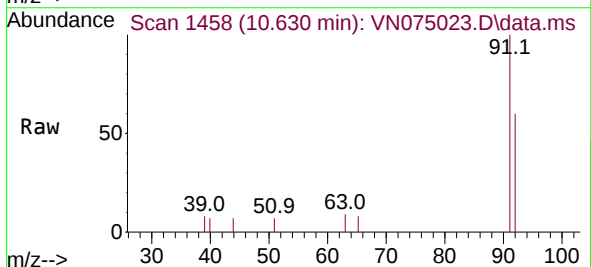
Manual Integrations
APPROVED

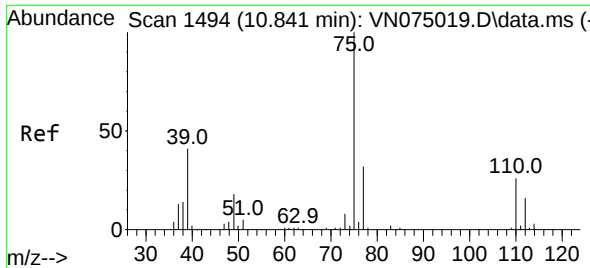
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 0.942 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 92 Resp: 3026
Ion Ratio Lower Upper
92 100
91 163.0 135.4 203.2





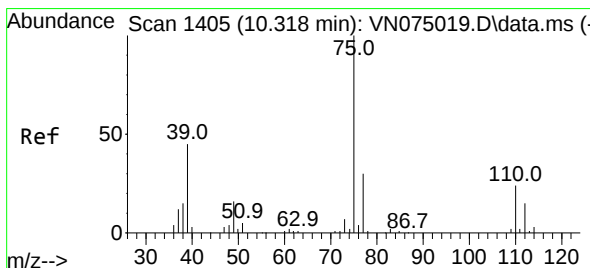
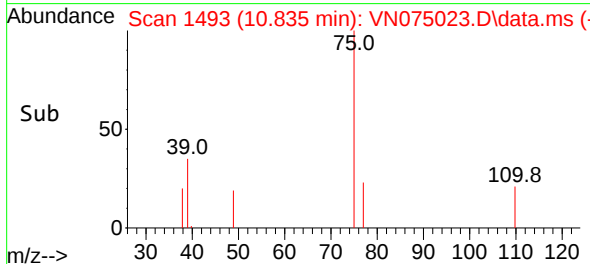
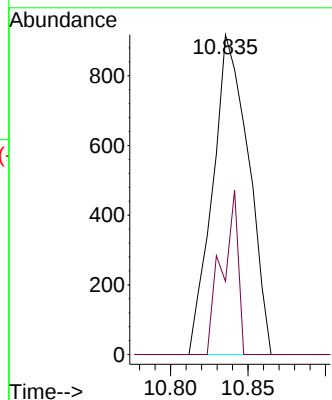
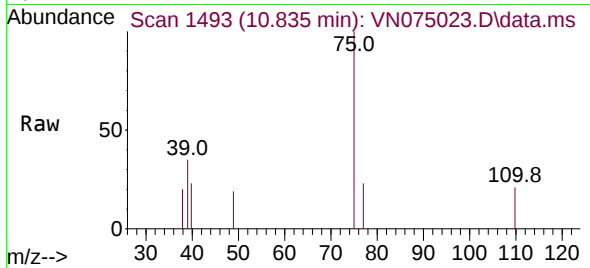
#53
 t-1,3-Dichloropropene
 Concen: 0.808 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 147
 Ion Ratio Lower Upper
 75 100
 77 22.9 25.4 38.2

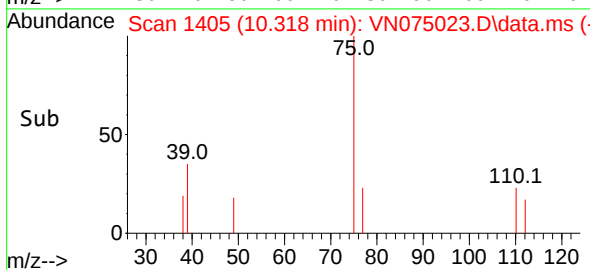
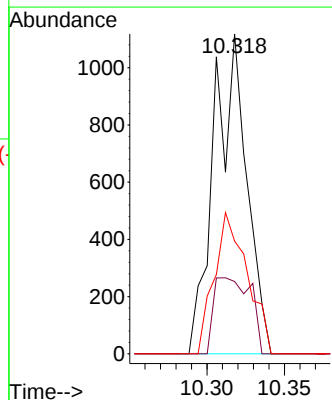
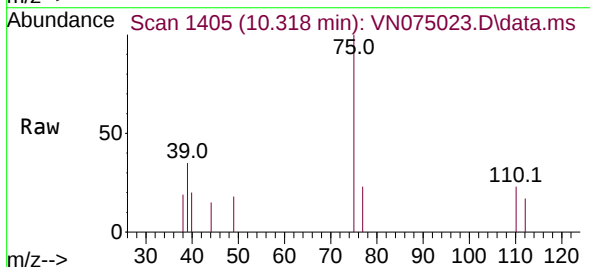
Manual Integrations
 APPROVED

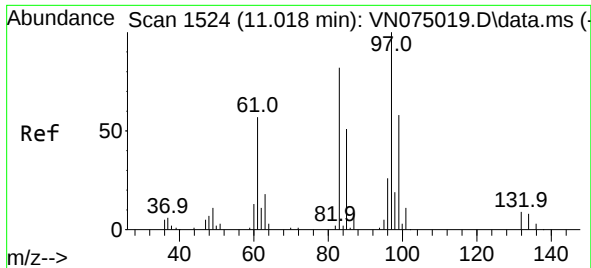
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 0.850 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14

Tgt Ion: 75 Resp: 1641
 Ion Ratio Lower Upper
 75 100
 77 22.6 23.7 35.5#
 39 35.2 35.8 53.6#





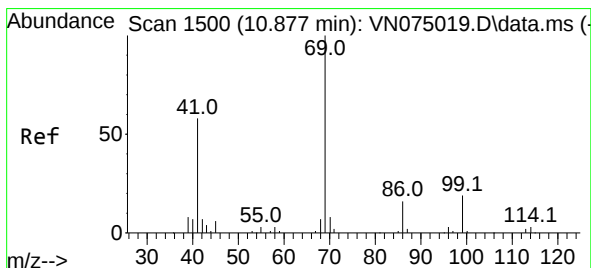
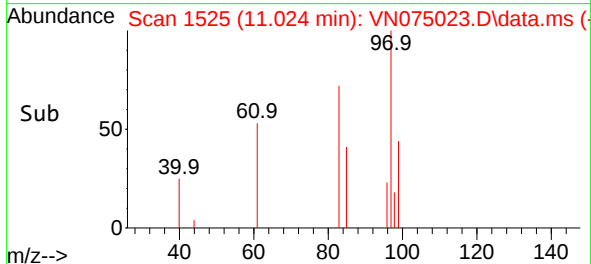
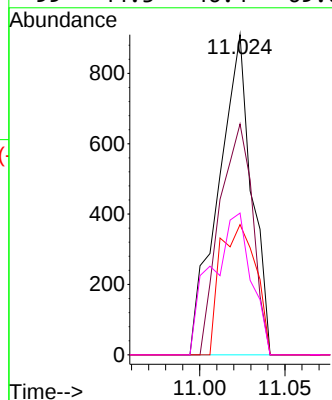
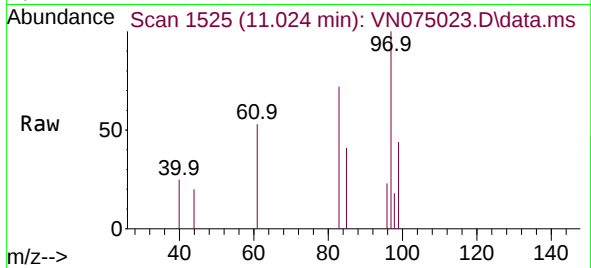
#55
1,1,2-Trichloroethane
Concen: 0.971 ug/l
RT: 11.024 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 97	Resp: 1230
Ion Ratio	Lower Upper
97 100	
83 72.1	65.9 98.9
85 40.7	40.4 60.6
99 44.3	46.4 69.6

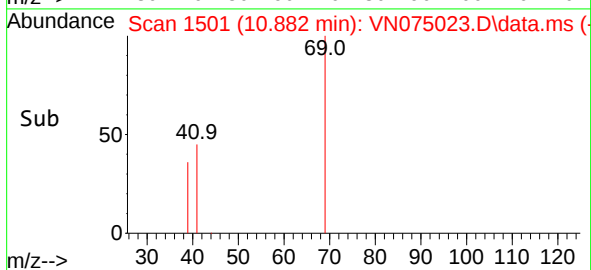
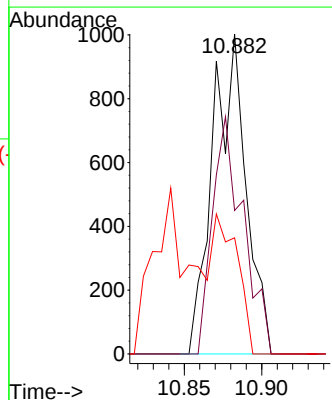
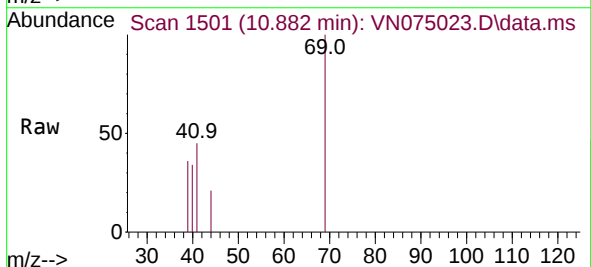
Manual Integrations
APPROVED

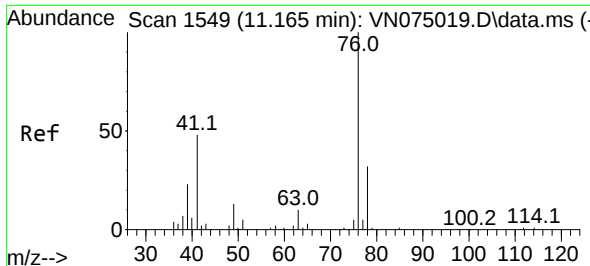
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 0.771 ug/l
RT: 10.882 min Scan# 1501
Delta R.T. 0.005 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion: 69	Resp: 1498
Ion Ratio	Lower Upper
69 100	
41 68.2	45.6 68.4
39 32.1	28.5 42.7





#57

1,3-Dichloropropane

Concen: 1.021 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 2160

Ion Ratio Lower Upper

76 100

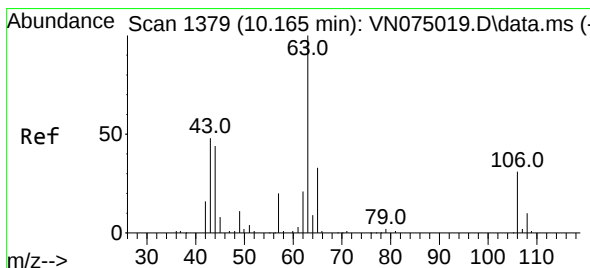
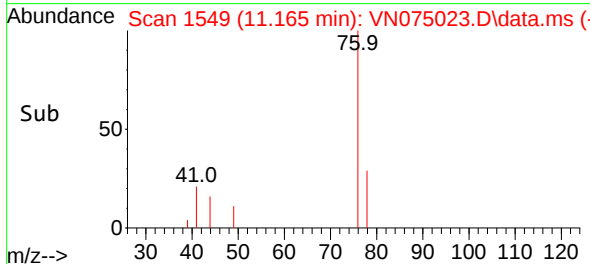
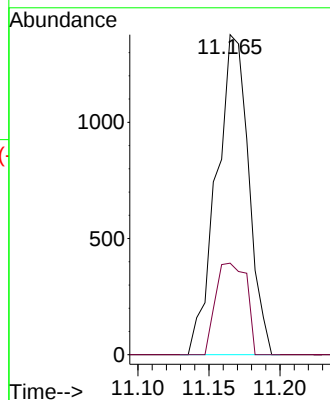
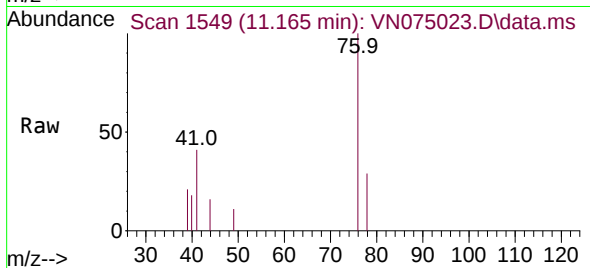
78 27.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 4.394 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075023.D

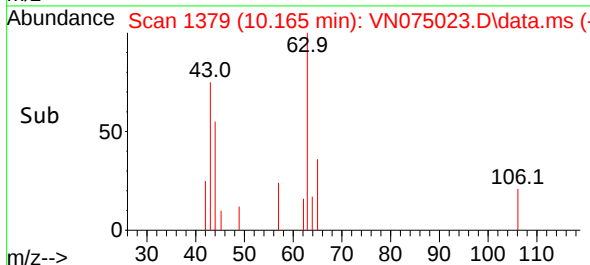
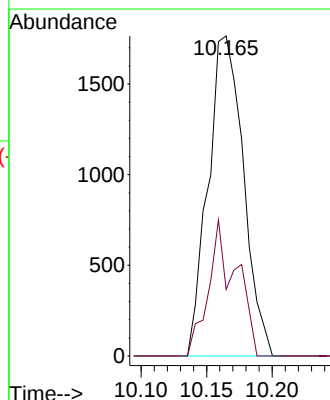
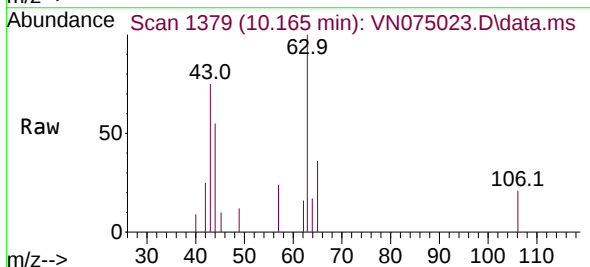
Acq: 26 Oct 2022 14:14

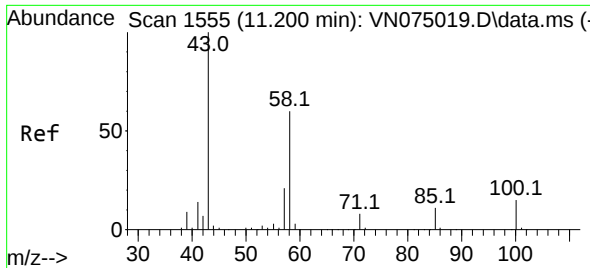
Tgt Ion: 63 Resp: 3300

Ion Ratio Lower Upper

63 100

106 33.5 24.8 37.2





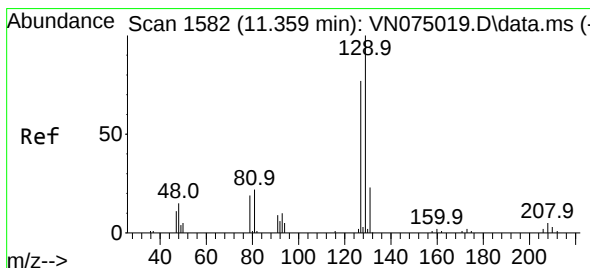
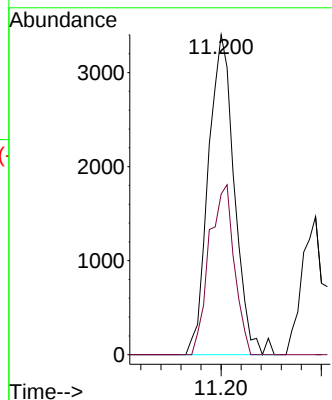
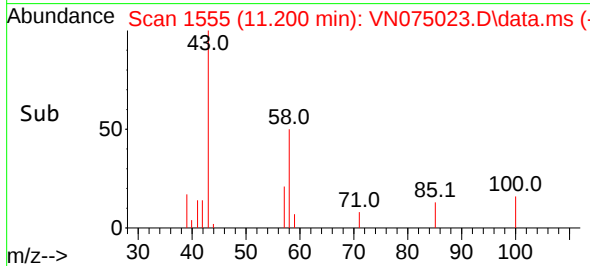
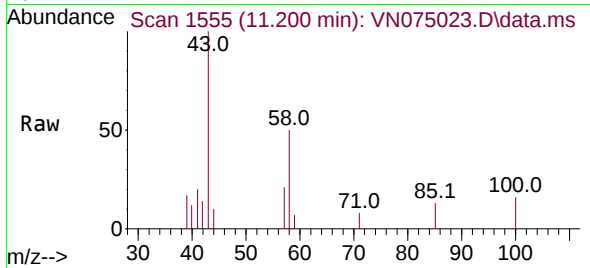
#59
2-Hexanone
Concen: 4.694 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 50.9 29.6 88.8

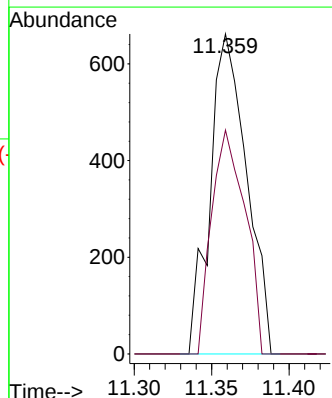
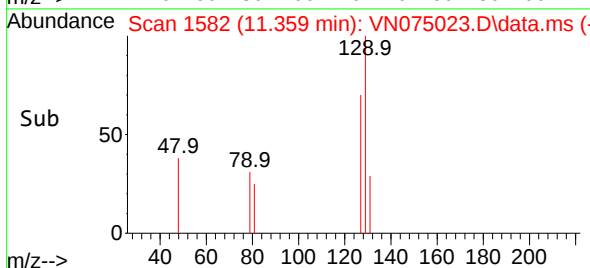
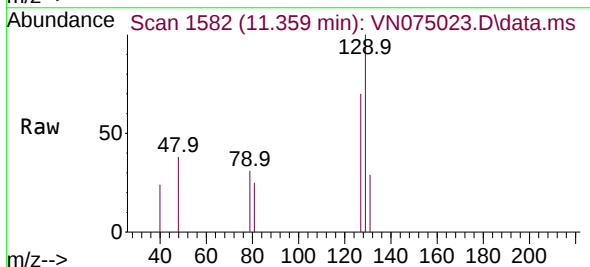
Manual Integrations
APPROVED

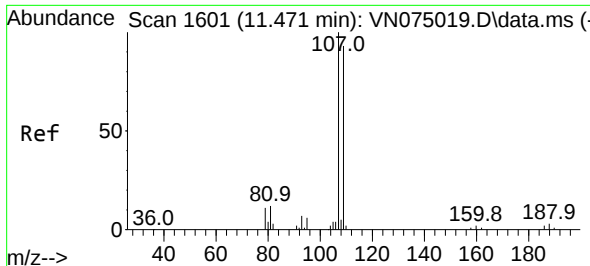
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 0.811 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

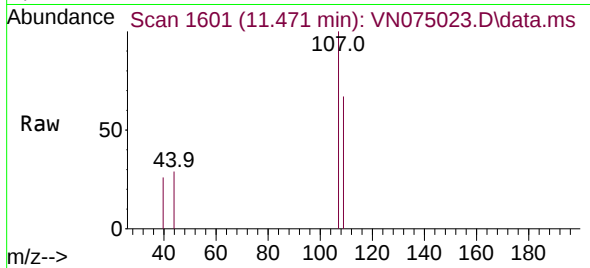
Tgt Ion:129 Resp: 1090
Ion Ratio Lower Upper
129 100
127 63.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 0.746 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

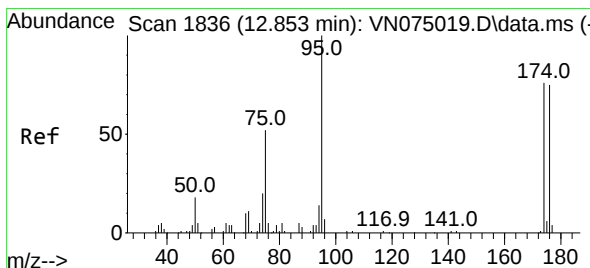
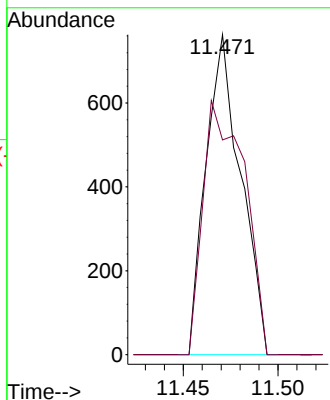
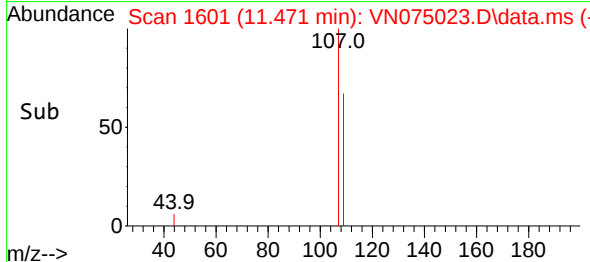
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



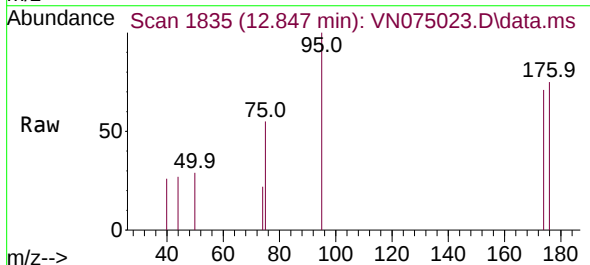
Tgt Ion:107 Resp: 974
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

Manual Integrations
APPROVED

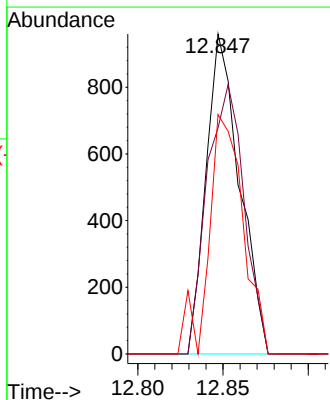
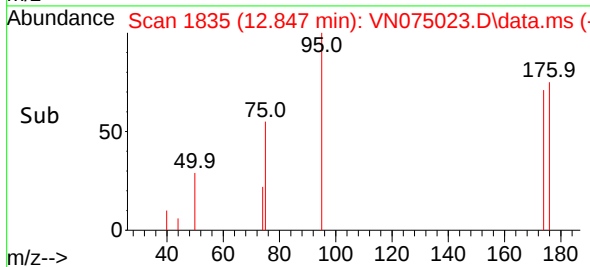
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

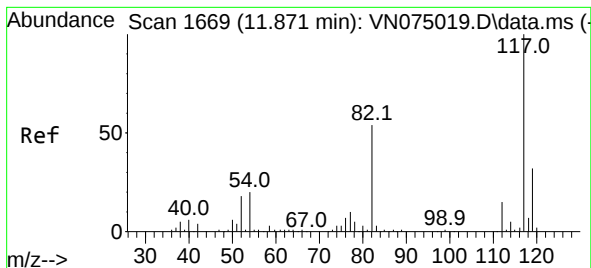


#62
4-Bromofluorobenzene
Concen: 0.949 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



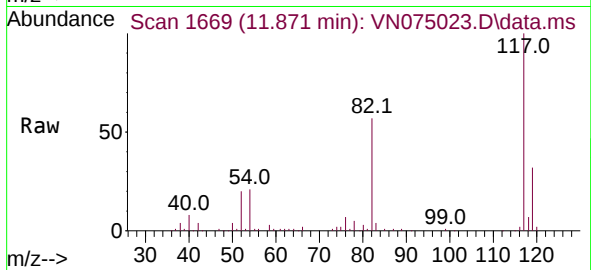
Tgt Ion: 95 Resp: 1311
Ion Ratio Lower Upper
95 100
174 93.1 0.0 147.4
176 76.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

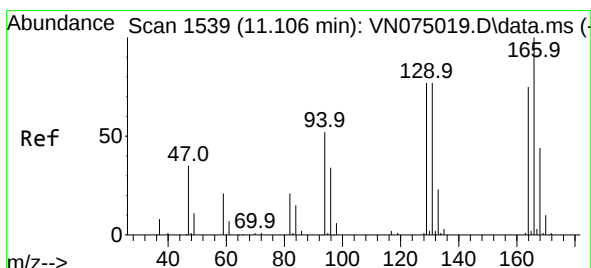
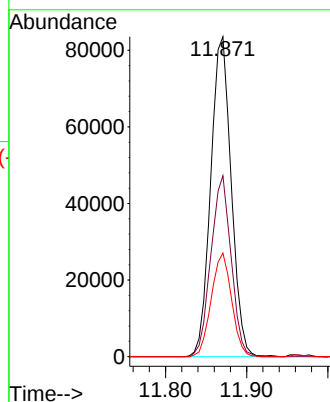
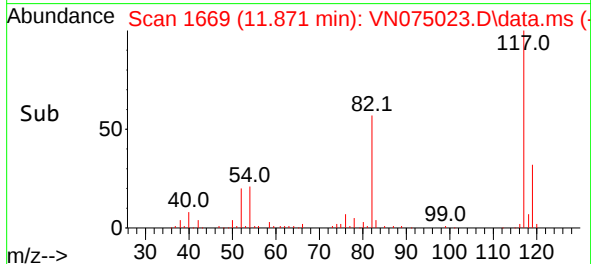
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



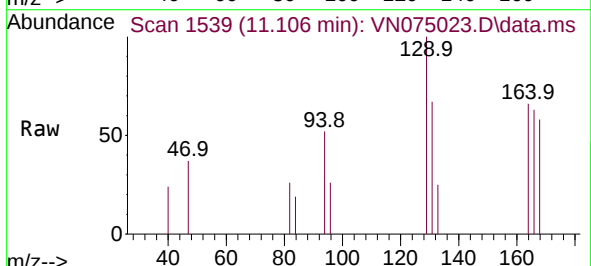
Tgt Ion:117 Resp: 14656
Ion Ratio Lower Upper
117 100
82 56.6 43.1 64.7
119 32.4 25.5 38.3

Manual Integrations
APPROVED

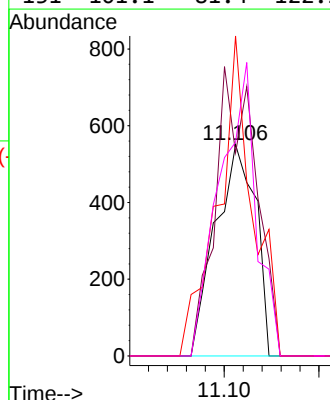
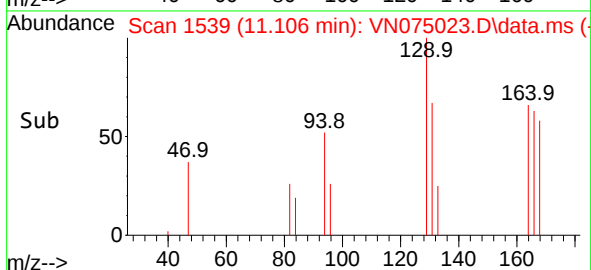
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

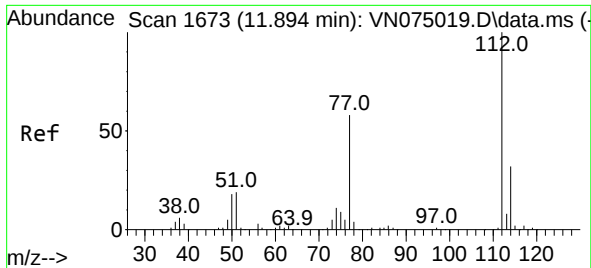


#64
Tetrachloroethene
Concen: 0.901 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion:164 Resp: 810
Ion Ratio Lower Upper
164 100
166 96.0 106.5 159.7#
129 151.4 81.9 122.9#
131 101.1 81.4 122.2





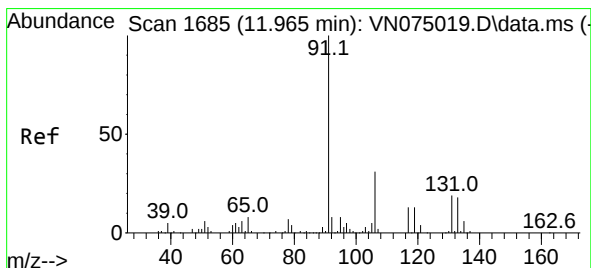
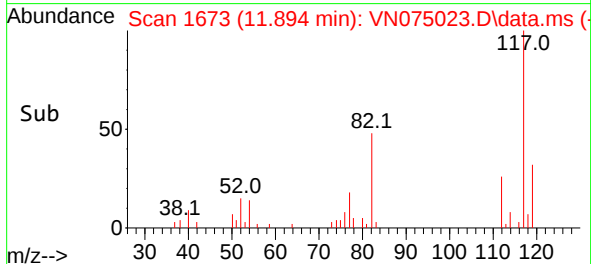
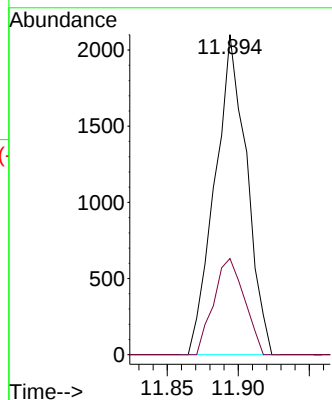
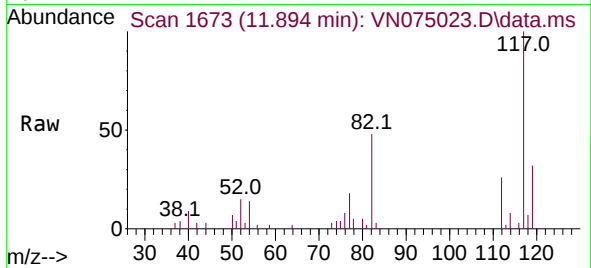
#65
Chlorobenzene
Concen: 1.043 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 326
Ion Ratio Lower Upper
112 100
114 30.0 25.4 38.2

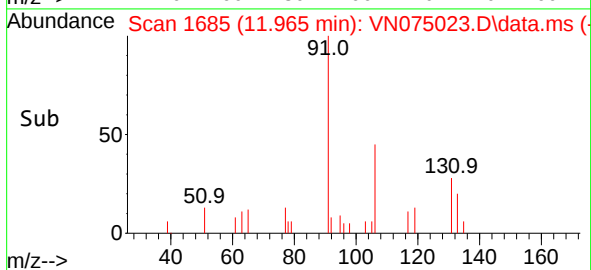
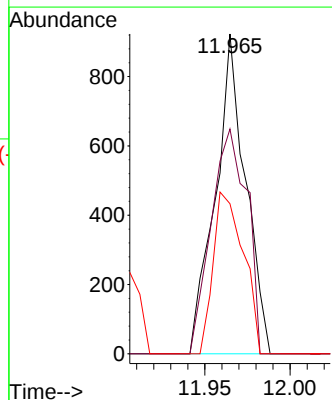
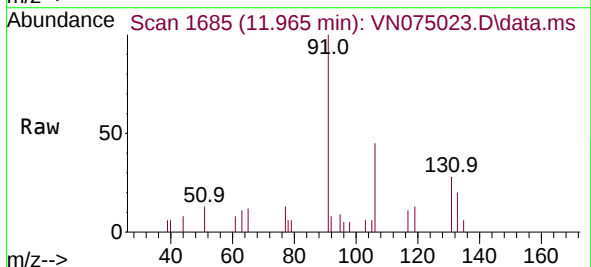
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 0.980 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion:131 Resp: 1137
Ion Ratio Lower Upper
131 100
133 83.4 47.8 143.4
119 0.0 33.0 99.0#





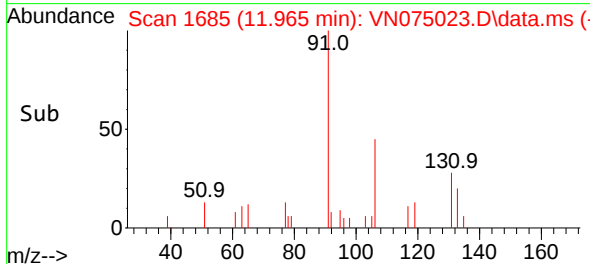
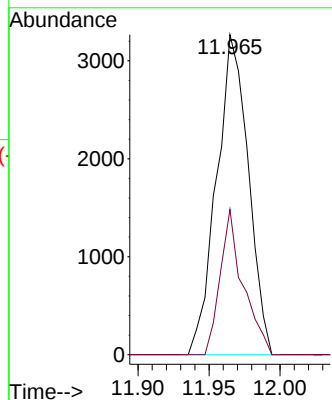
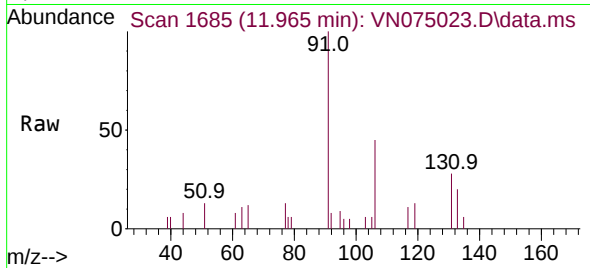
#67
Ethyl Benzene
Concen: 0.902 ug/l
RT: 11.965 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 5079
Ion Ratio Lower Upper
91 100
106 45.4 24.9 37.3

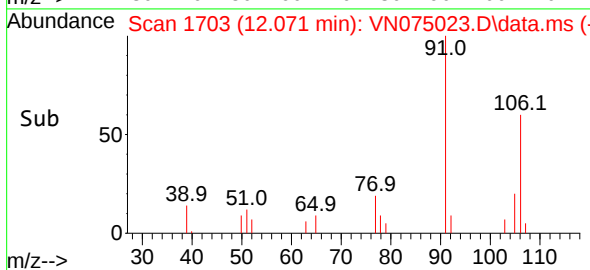
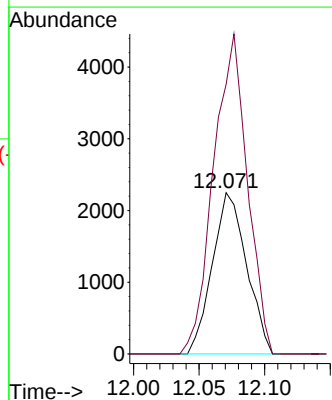
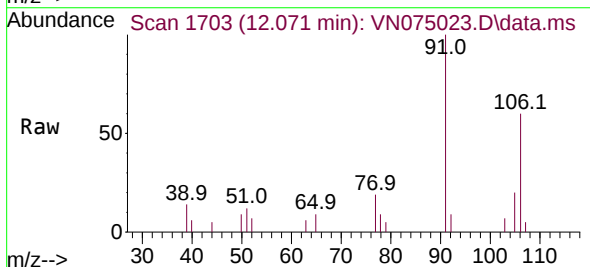
Manual Integrations
APPROVED

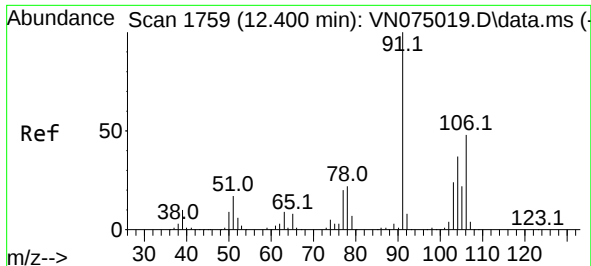
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 1.809 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion:106 Resp: 4085
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0





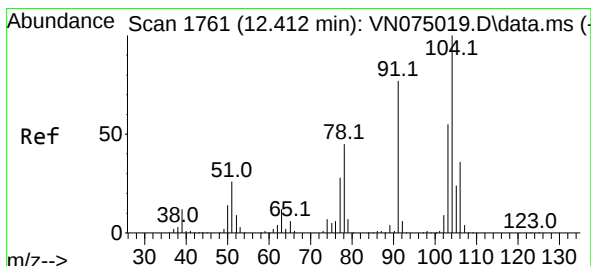
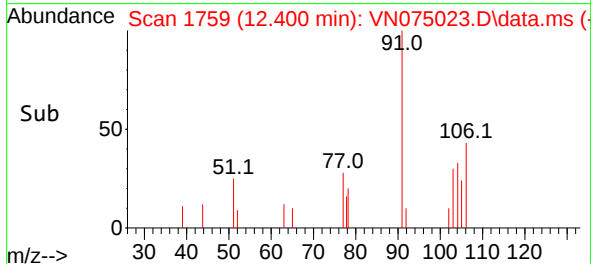
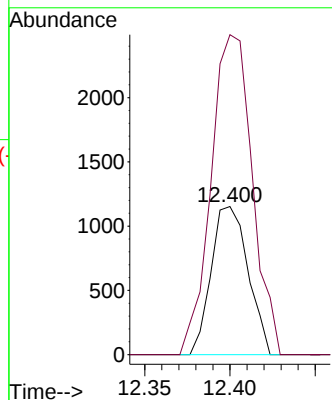
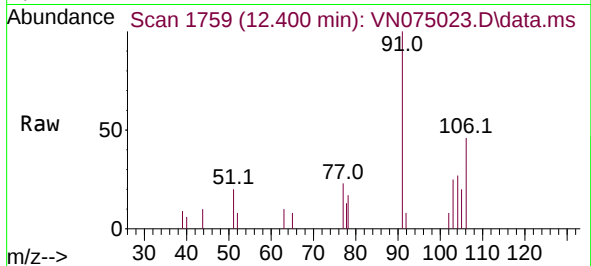
#69
o-Xylene
Concen: 0.777 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1735
Ion Ratio Lower Upper
106 100
91 241.6 105.2 315.5

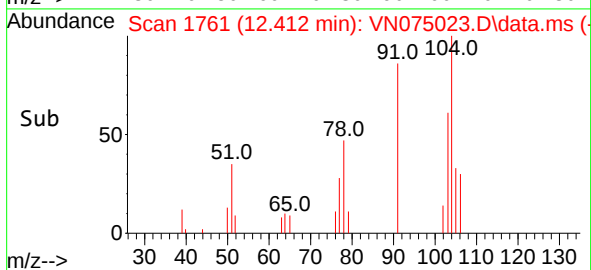
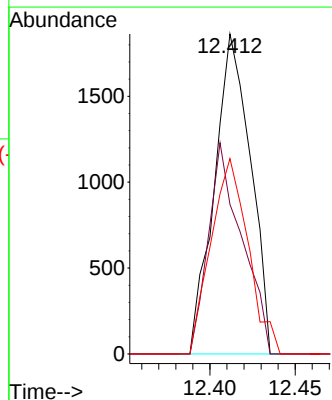
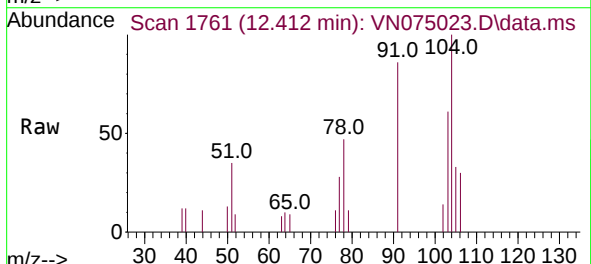
Manual Integrations
APPROVED

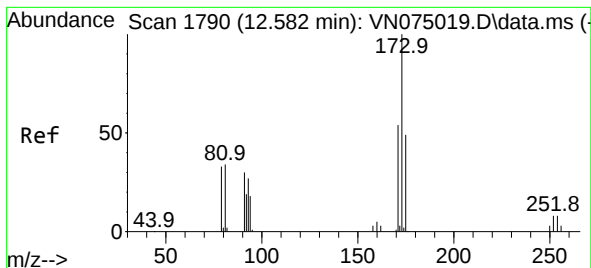
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 0.772 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Tgt Ion:104 Resp: 2749
Ion Ratio Lower Upper
104 100
78 61.0 38.1 57.1#
103 62.6 44.6 66.8





#71

Bromoform

Concen: 0.671 ug/l

RT: 12.588 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

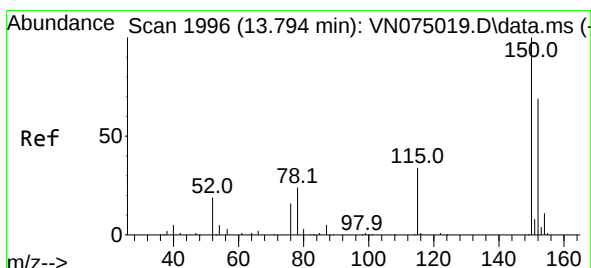
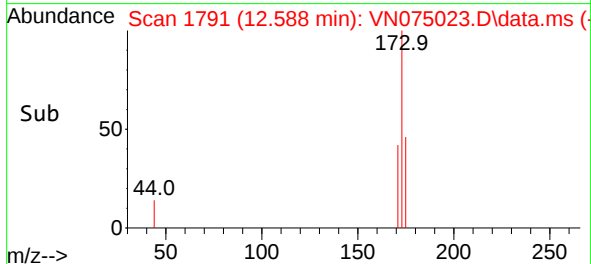
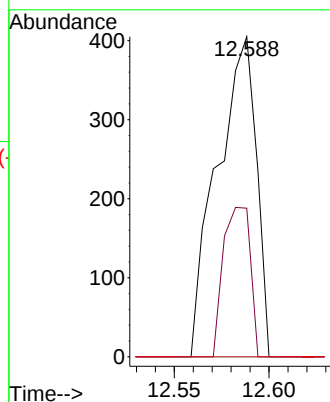
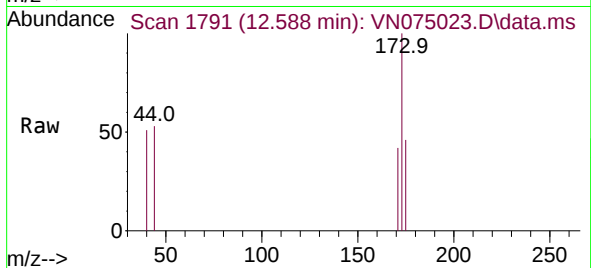
Tgt Ion:173 Resp: 583
 Ion Ratio Lower Upper
 173 100
 175 32.1 24.6 74.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

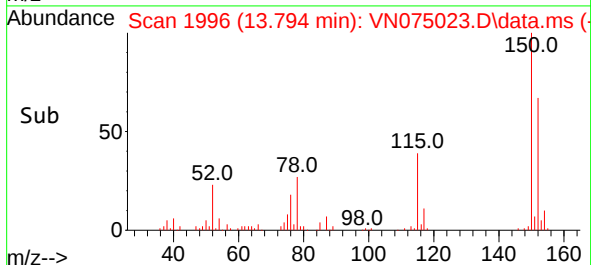
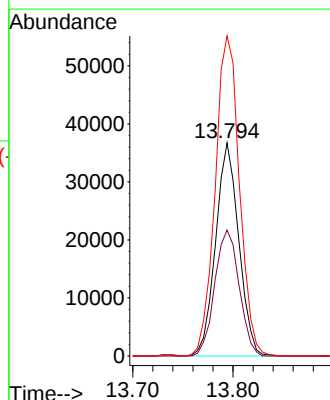
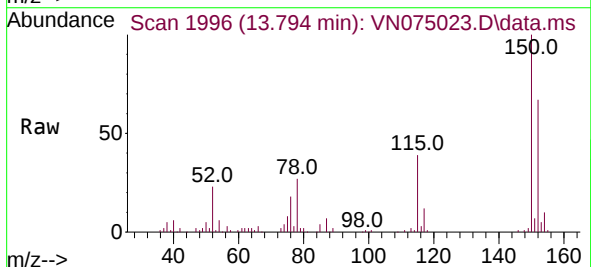
RT: 13.794 min Scan# 1996

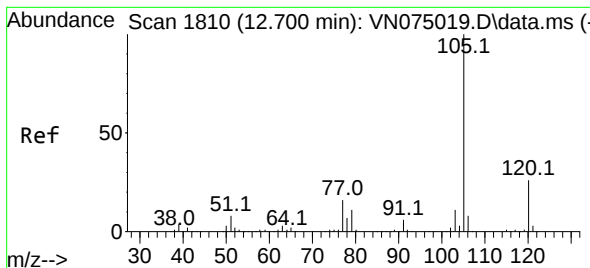
Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion:152 Resp: 58624
 Ion Ratio Lower Upper
 152 100
 115 62.4 30.2 90.6
 150 157.9 0.0 348.4





#73

Isopropylbenzene

Concen: 0.971 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 457

Ion Ratio Lower Upper

105 100

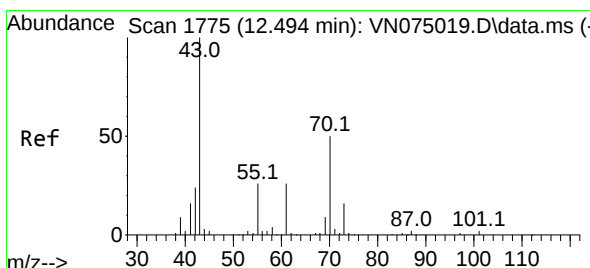
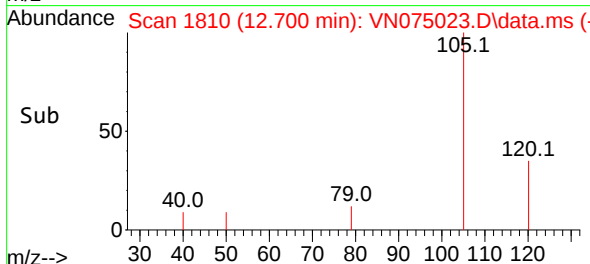
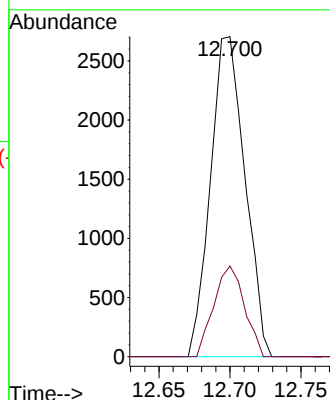
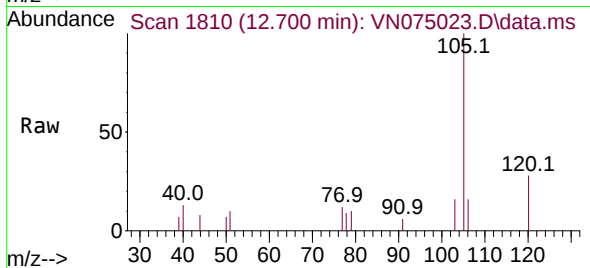
120 25.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

N-ethyl acetate

Concen: 1.158 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion: 43 Resp: 2016

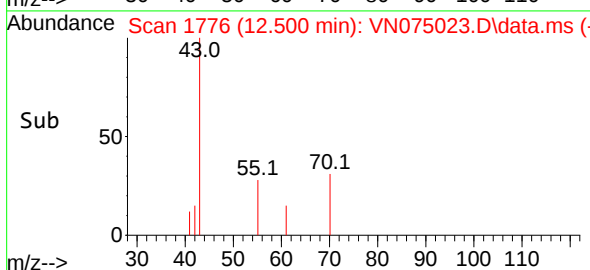
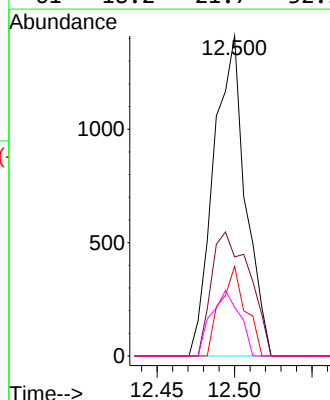
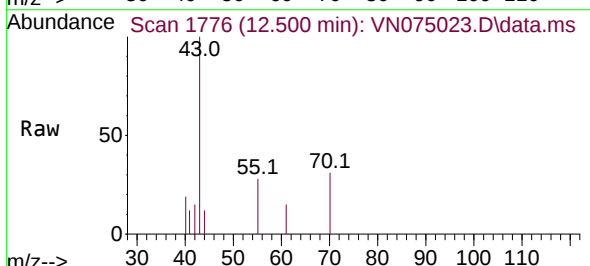
Ion Ratio Lower Upper

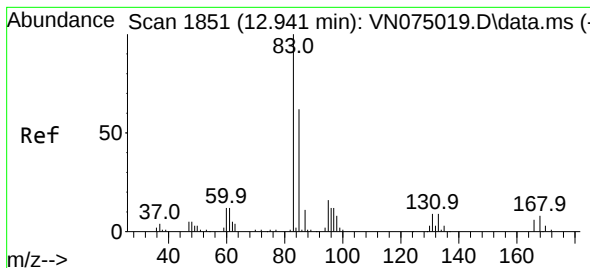
43 100

70 46.2 39.8 59.8

55 22.0 19.9 29.9

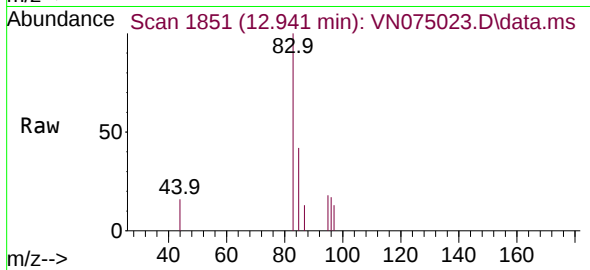
61 18.2 21.7 32.5#





#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

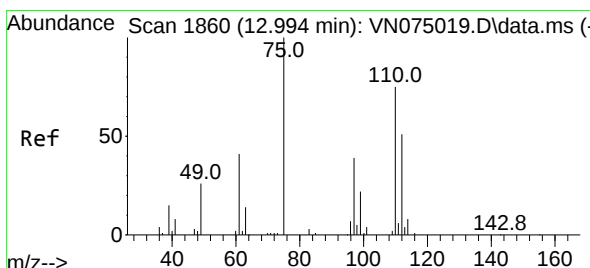
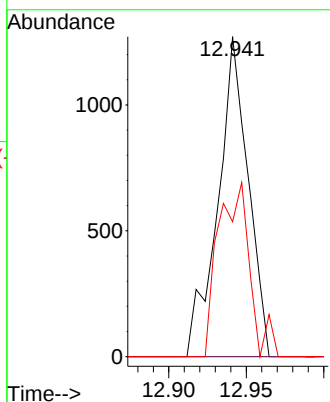
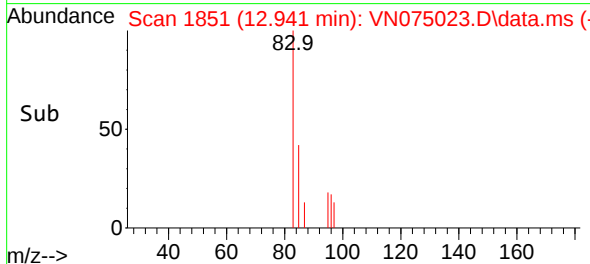
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



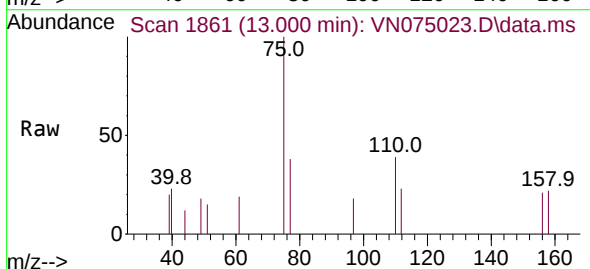
Tgt Ion: 83 Resp: 1724
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3
85 56.6 31.6 94.7

Manual Integrations
APPROVED

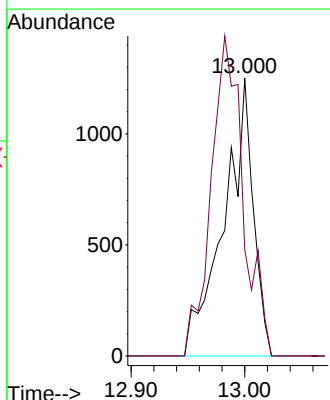
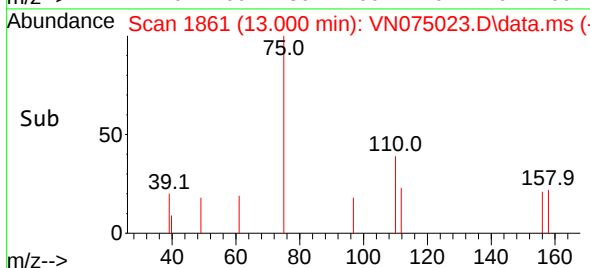
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

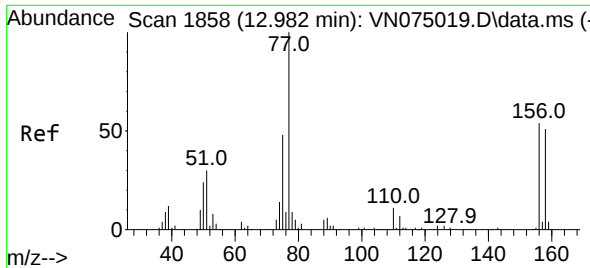


#76
1,2,3-Trichloropropane
Concen: 1.803 ug/l
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



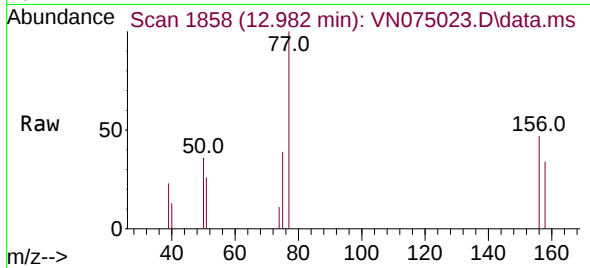
Tgt Ion: 75 Resp: 2244
Ion Ratio Lower Upper
75 100
77 126.2 75.6 226.8





#77
Bromobenzene
Concen: 1.069 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

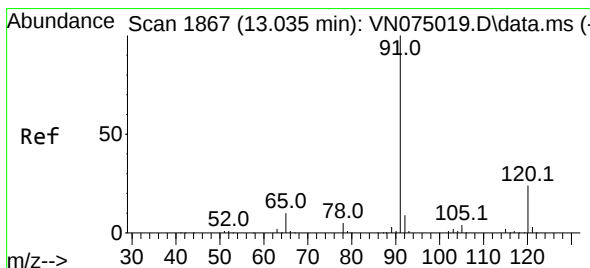
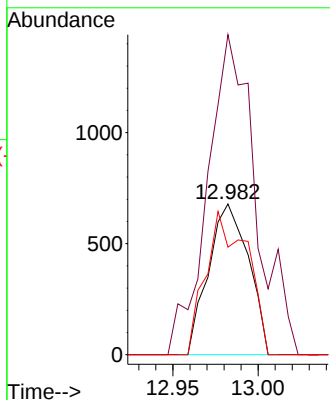
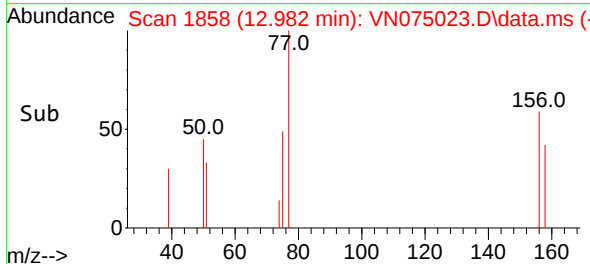
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



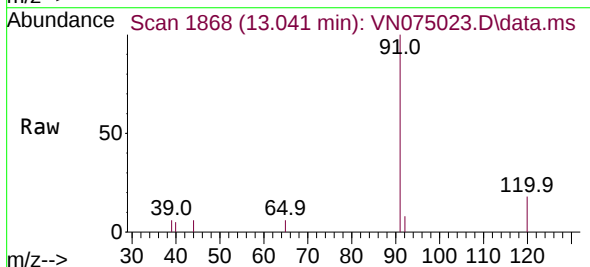
Tgt Ion:156 Resp: 1108
Ion Ratio Lower Upper
156 100
77 255.7 108.5 325.5
158 98.2 47.7 143.1

Manual Integrations
APPROVED

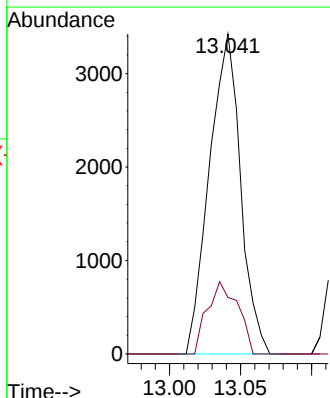
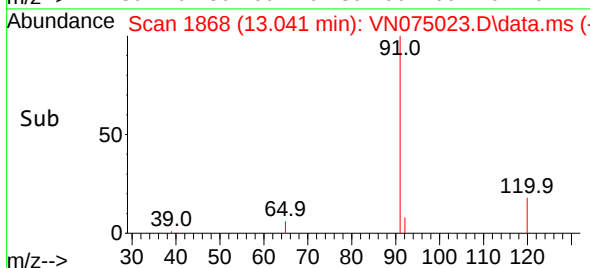
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

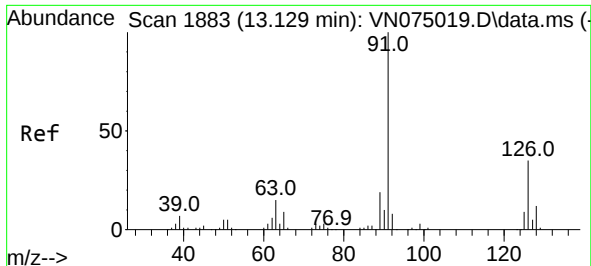


#78
n-propylbenzene
Concen: 0.990 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion: 91 Resp: 5231
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 1.091 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

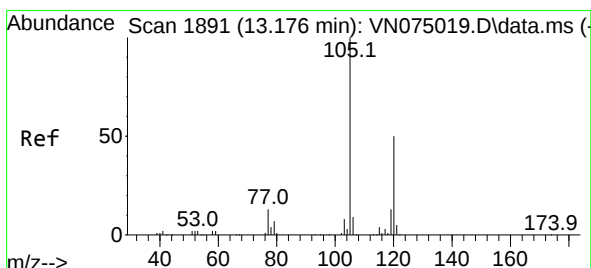
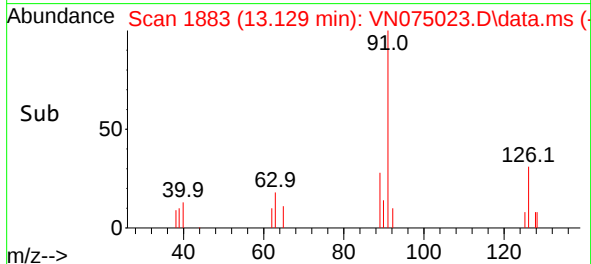
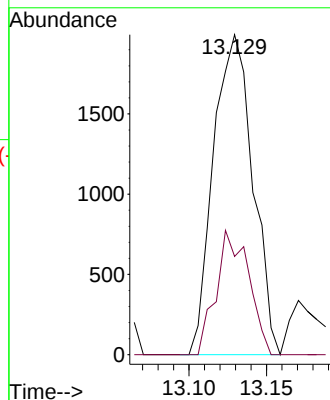
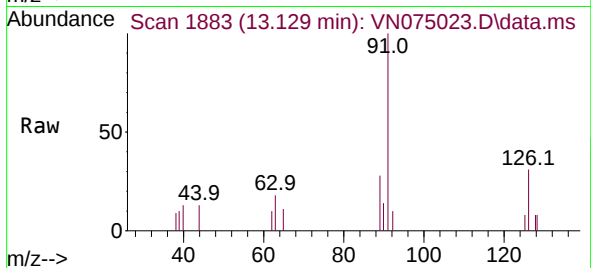
VSTDIC001

Tgt Ion: 91 Resp: 352
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#80

1,3,5-Trimethylbenzene

Concen: 0.951 ug/l

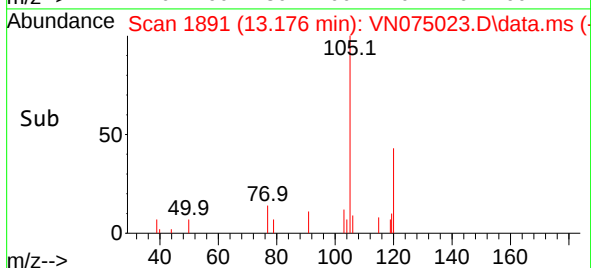
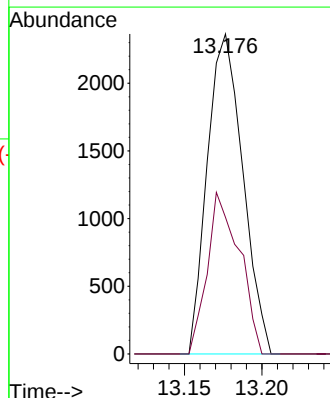
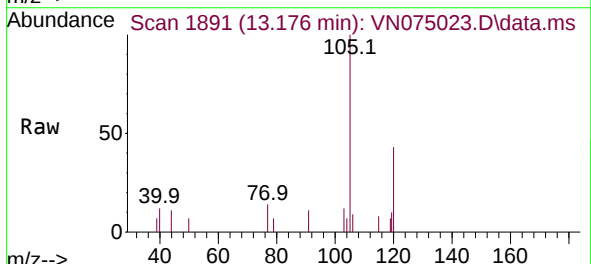
RT: 13.176 min Scan# 1891

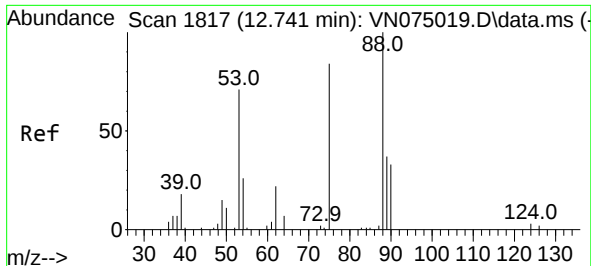
Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

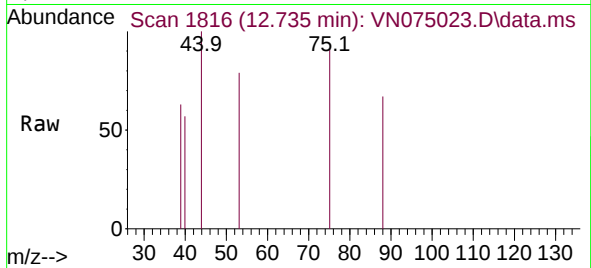
Tgt Ion:105 Resp: 3761
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 0.600 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

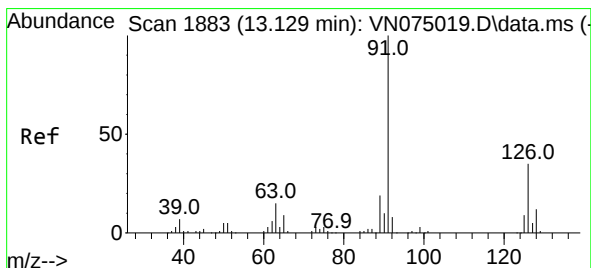
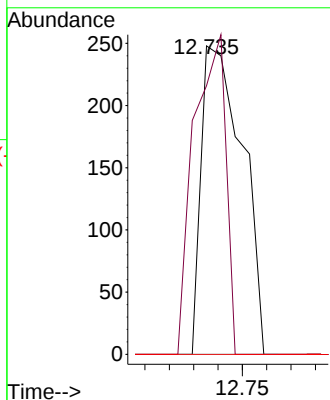
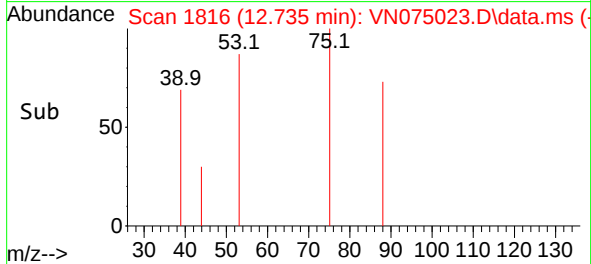
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



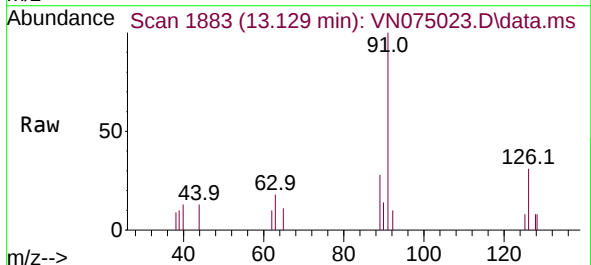
Tgt Ion: 75 Resp: 291
Ion Ratio Lower Upper
75 100
53 80.1 78.5 117.7
89 0.0 37.7 56.5

Manual Integrations
APPROVED

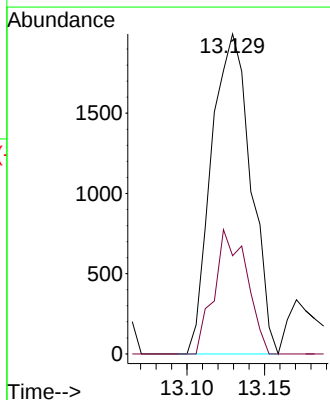
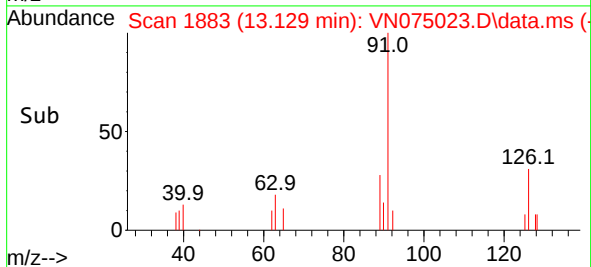
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

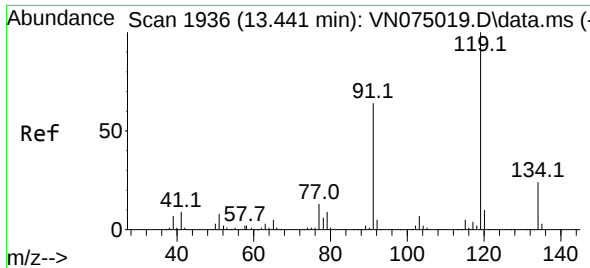


#82
4-Chlorotoluene
Concen: 1.091 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



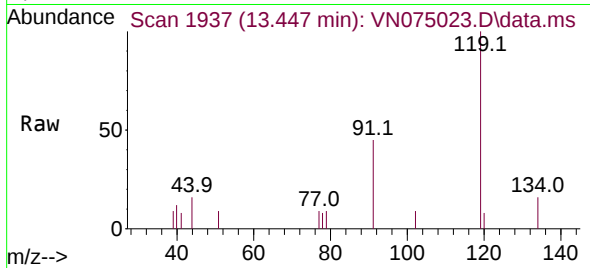
Tgt Ion: 91 Resp: 3523
Ion Ratio Lower Upper
91 100
126 32.1 16.9 50.7





#83
tert-Butylbenzene
Concen: 0.995 ug/l
RT: 13.447 min Scan# 1936
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

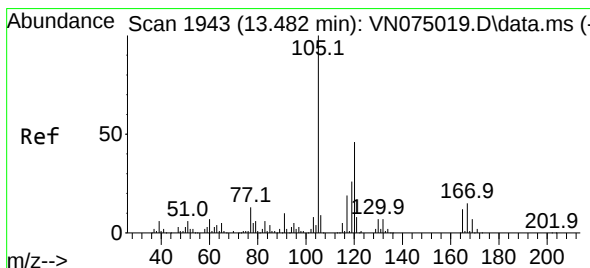
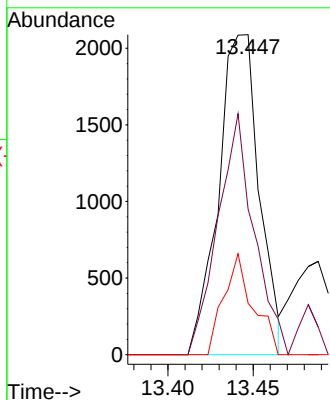
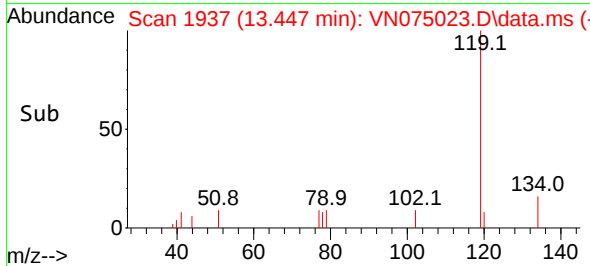
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



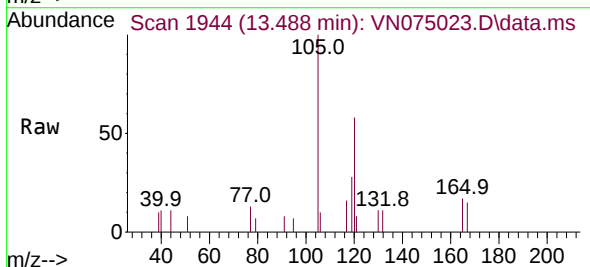
Tgt Ion:119 Resp: 3498
Ion Ratio Lower Upper
119 100
91 66.8 32.8 98.4
134 22.6 12.3 36.9

Manual Integrations
APPROVED

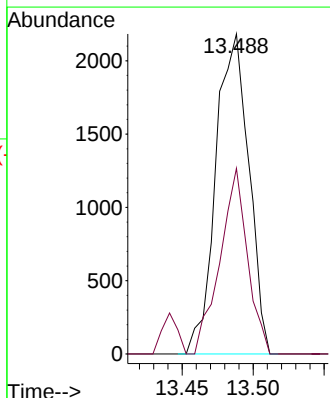
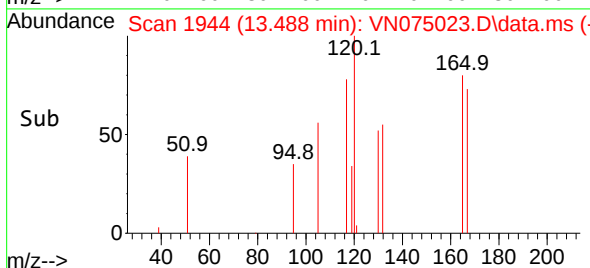
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

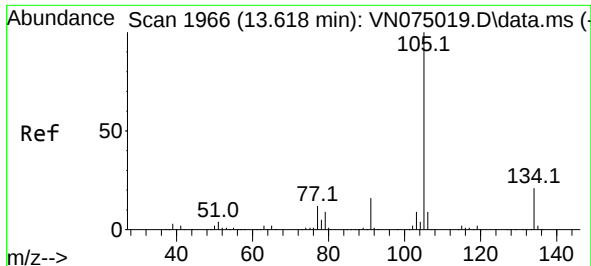


#84
1,2,4-Trimethylbenzene
Concen: 0.880 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



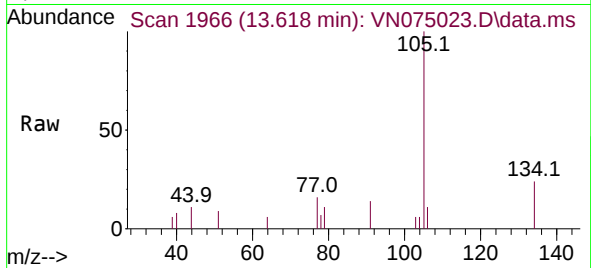
Tgt Ion:105 Resp: 3518
Ion Ratio Lower Upper
105 100
120 48.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 0.859 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14

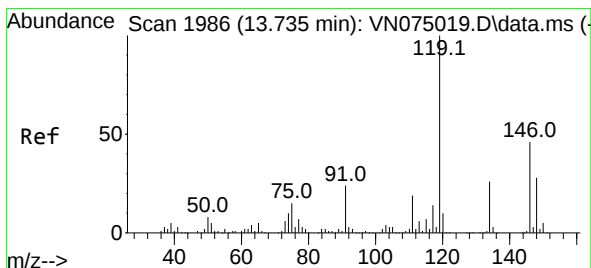
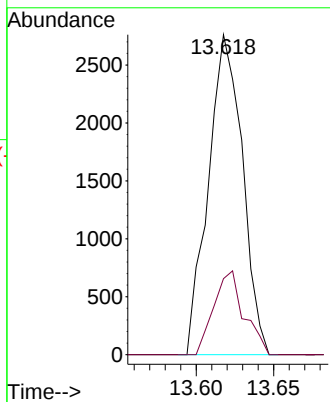
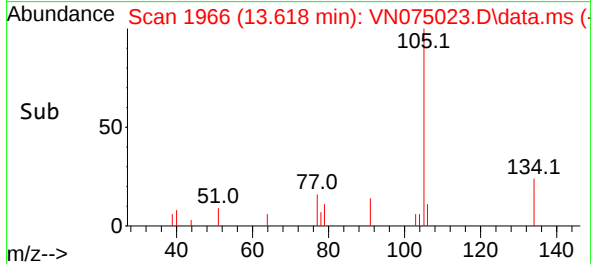
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



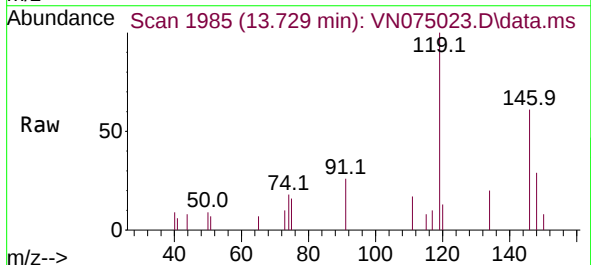
Tgt Ion:105 Resp: 422
 Ion Ratio Lower Upper
 105 100
 134 23.3 10.2 30.6

Manual Integrations
 APPROVED

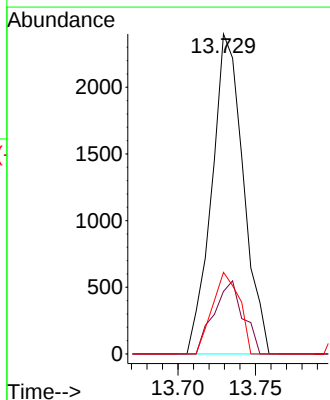
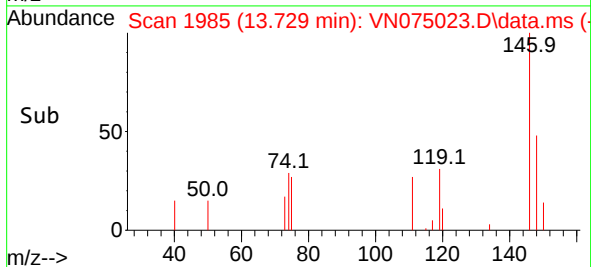
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

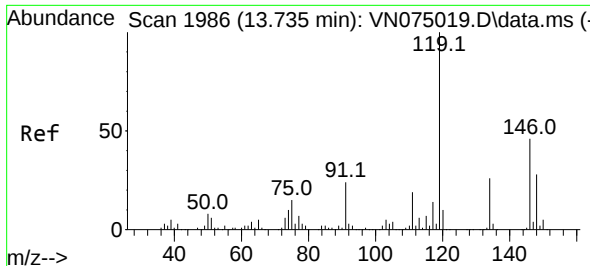


#86
 p-Isopropyltoluene
 Concen: 0.836 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075023.D
 Acq: 26 Oct 2022 14:14



Tgt Ion:119 Resp: 3394
 Ion Ratio Lower Upper
 119 100
 134 21.1 13.1 39.3
 91 21.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 1.159 ug/l

RT: 13.729 min Scan# 1986

Delta R.T. -0.006 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 235

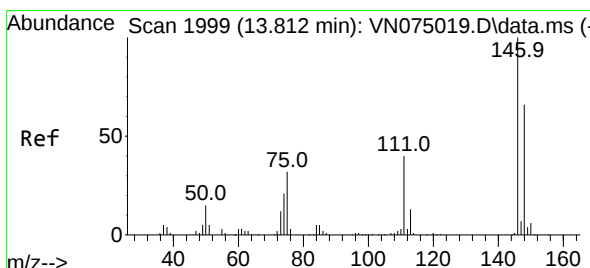
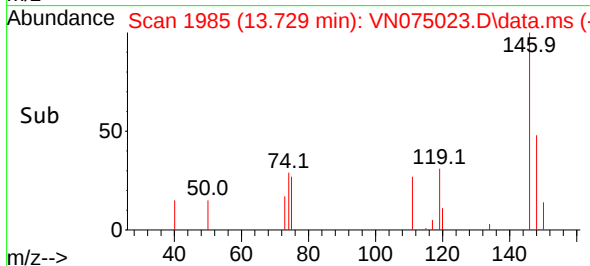
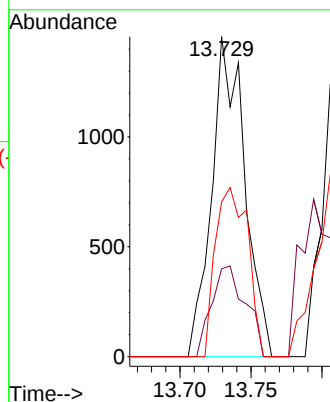
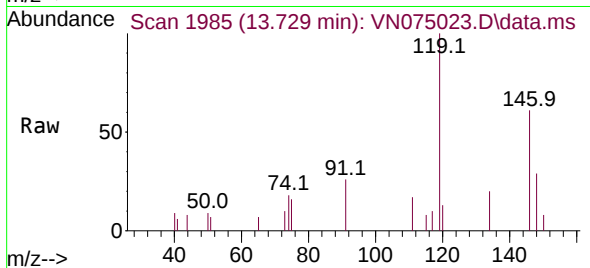
Ion	Ratio	Lower	Upper
146	100		
111	29.1	20.8	62.5
148	52.0	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 1.306 ug/l

RT: 13.812 min Scan# 1999

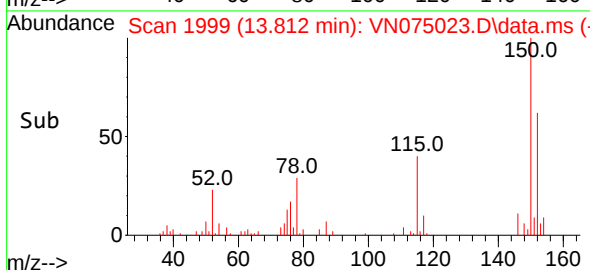
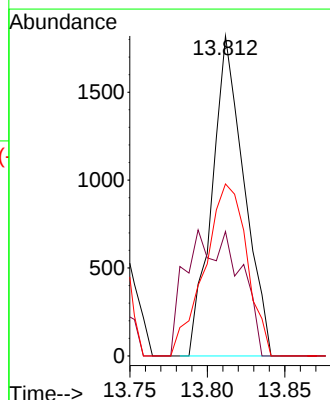
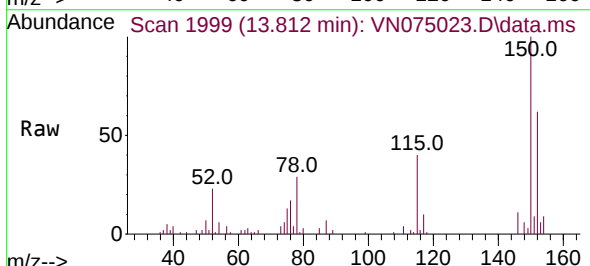
Delta R.T. -0.000 min

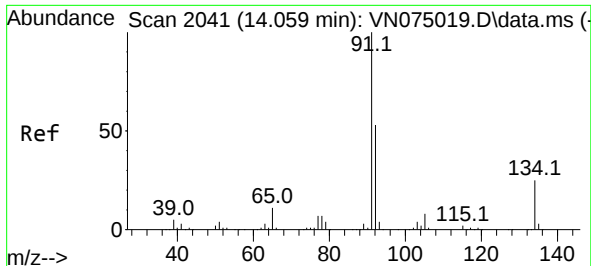
Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Tgt Ion:146 Resp: 2622

Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.1	60.3
148	70.7	31.9	95.7





#89

n-Butylbenzene

Concen: 0.869 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

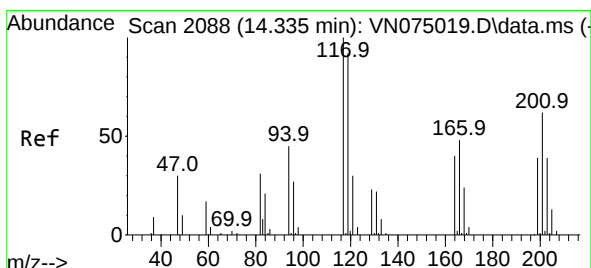
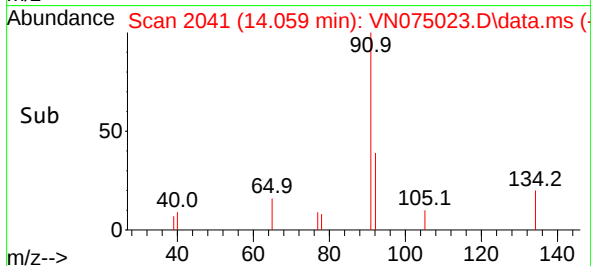
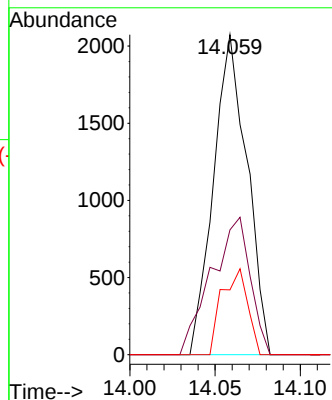
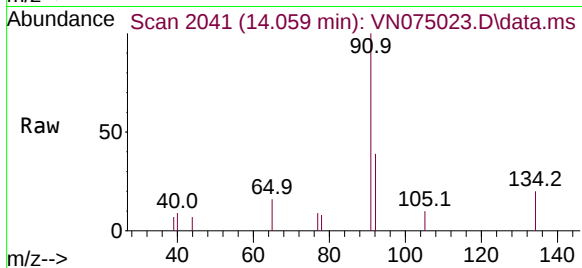
Tgt Ion:	91	Resp:	2839
Ion	Ratio	Lower	Upper
91	100		
92	49.7	26.5	79.4
134	20.6	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#90

Hexachloroethane

Concen: 0.810 ug/l

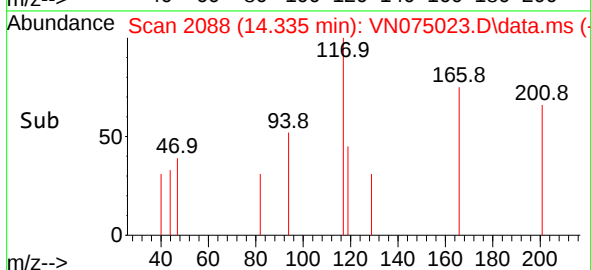
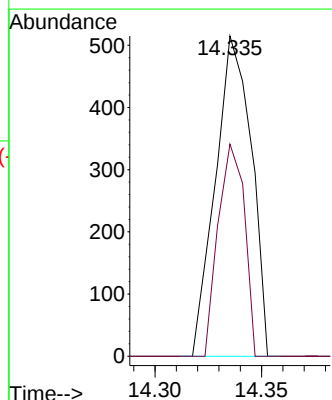
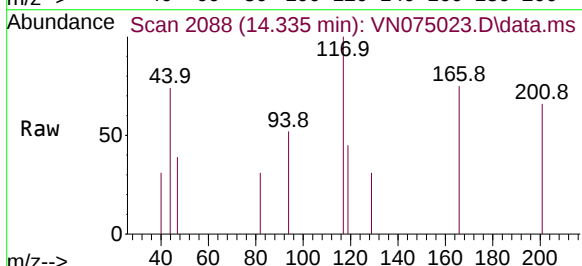
RT: 14.335 min Scan# 2088

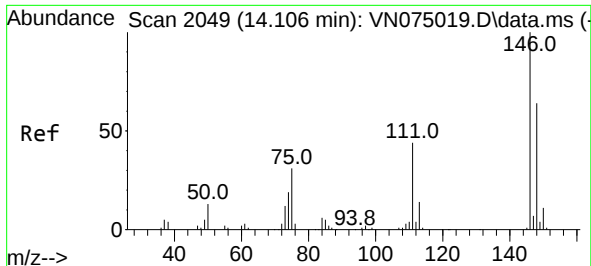
Delta R.T. 0.000 min

Lab File: VN075023.D

Acq: 26 Oct 2022 14:14

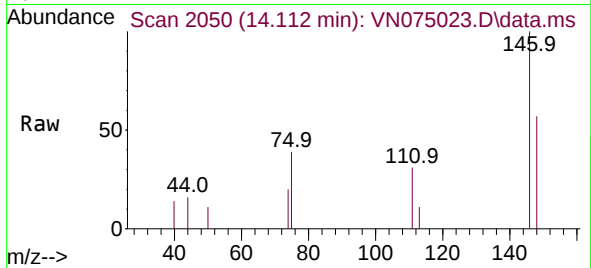
Tgt Ion:	117	Resp:	603
Ion	Ratio	Lower	Upper
117	100		
201	48.4	31.5	94.5





#91
1,2-Dichlorobenzene
Concen: 1.162 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

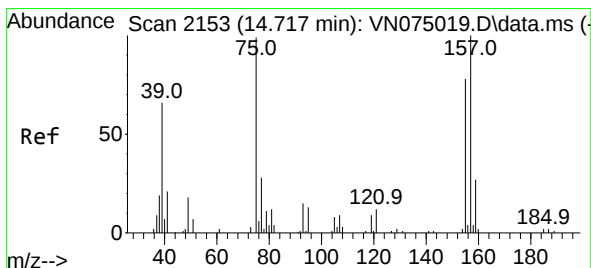
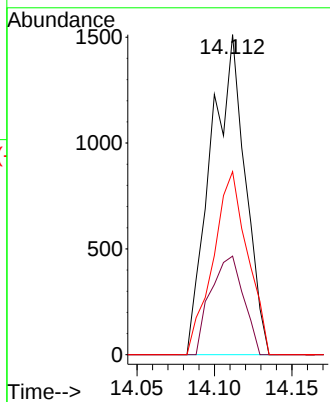
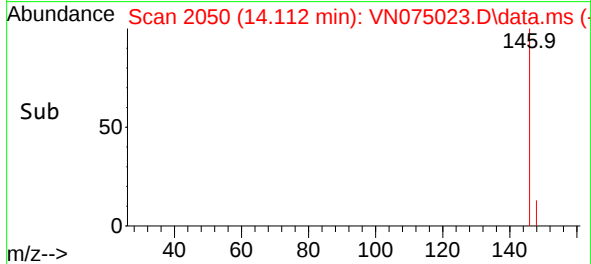
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



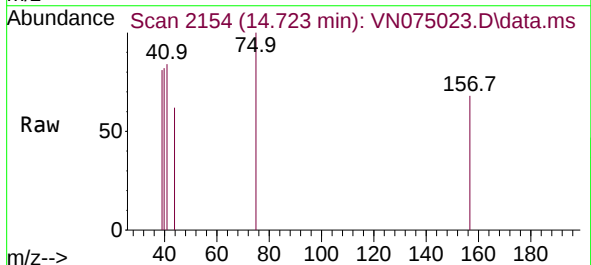
Tgt Ion:146 Resp: 2344
Ion Ratio Lower Upper
146 100
111 29.3 21.3 63.9
148 57.1 31.4 94.2

Manual Integrations
APPROVED

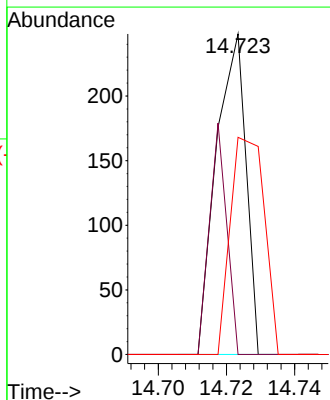
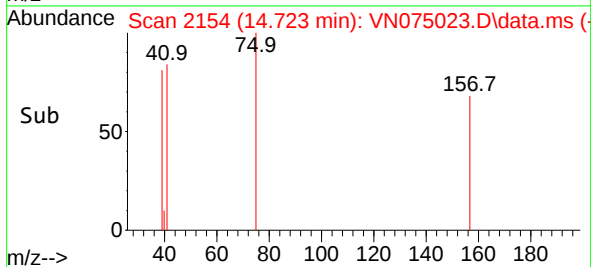
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

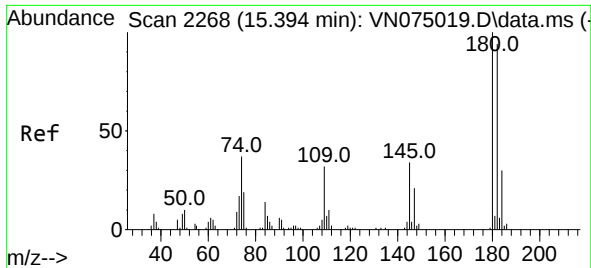


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.472 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion: 75 Resp: 150
Ion Ratio Lower Upper
75 100
155 42.0 42.1 126.3#
157 77.3 51.7 155.1





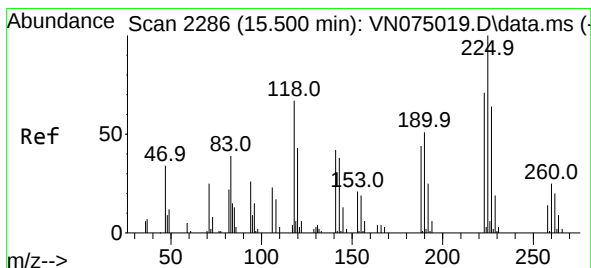
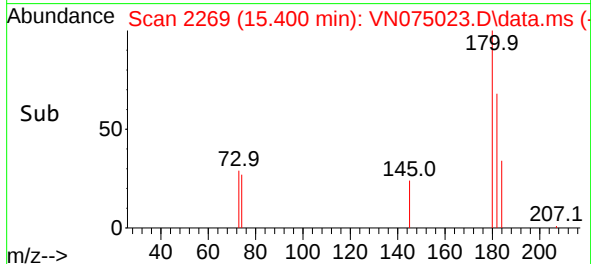
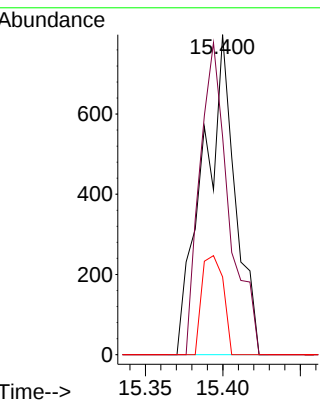
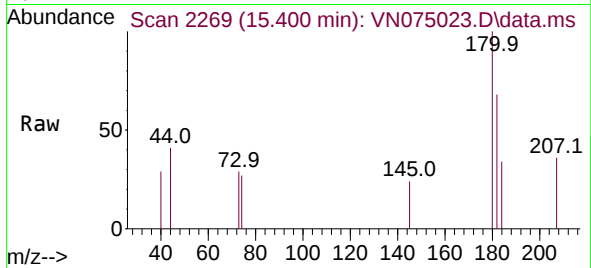
#93
1,2,4-Trichlorobenzene
Concen: 1.323 ug/l
RT: 15.400 min Scan# 2148
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 1148
Ion Ratio Lower Upper
180 100
182 88.4 47.8 143.4
145 20.7 16.8 50.3

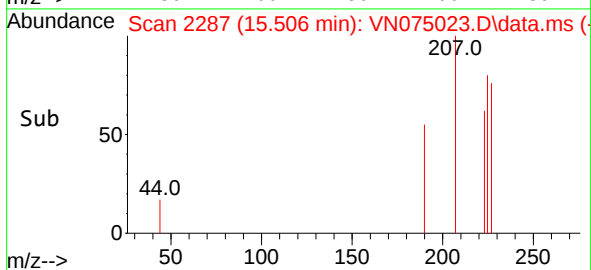
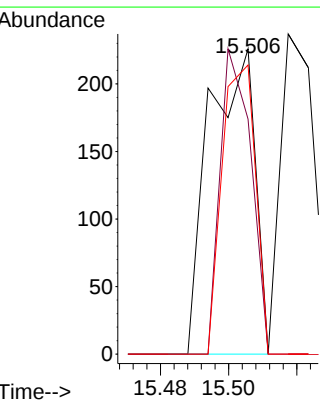
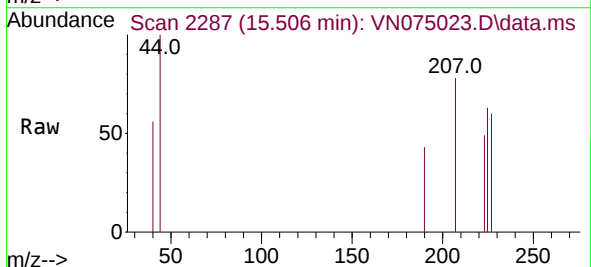
Manual Integrations
APPROVED

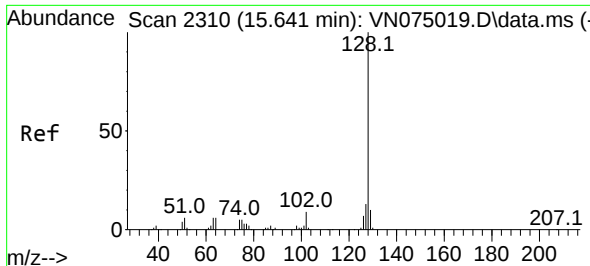
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#94
Hexachlorobutadiene
Concen: 0.499 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

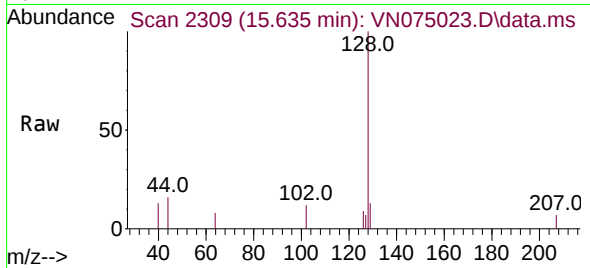
Tgt Ion:225 Resp: 211
Ion Ratio Lower Upper
225 100
223 66.8 32.3 96.9
227 68.7 32.0 96.2





#95
Naphthalene
Concen: 1.336 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14

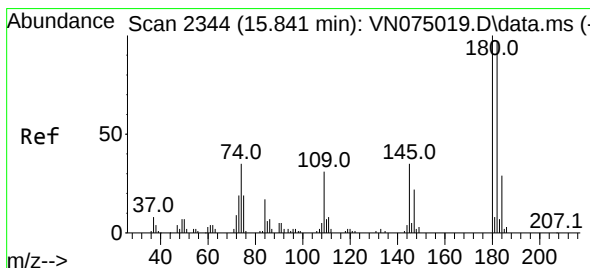
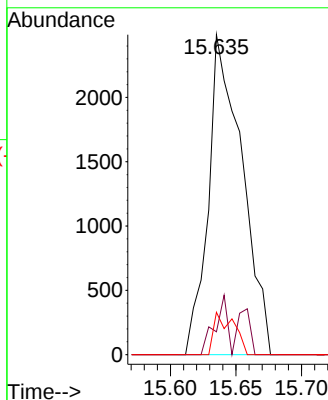
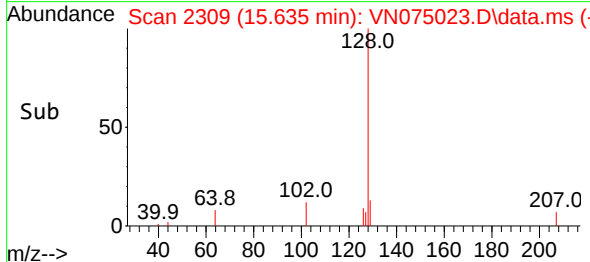
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



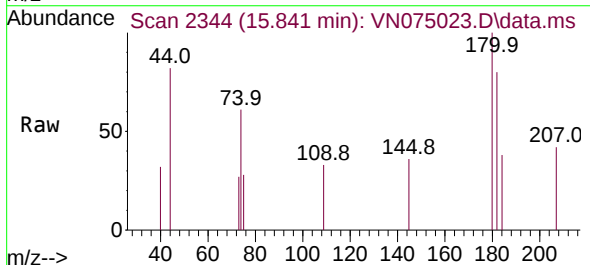
Tgt Ion:128 Resp: 445
Ion Ratio Lower Upper
128 100
127 6.8 10.4 15.6
129 7.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 1.497 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075023.D
Acq: 26 Oct 2022 14:14



Tgt Ion:180 Resp: 1291
Ion Ratio Lower Upper
180 100
182 69.3 47.3 141.8
145 12.4 17.6 52.9

