

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044931.D
 Acq On : 28 Sep 2021 11:00
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 11:57:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	158625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	290085	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	272302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	141323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	48140	17.668	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	35.340%#		
35) Dibromofluoromethane	5.292	113	32380	16.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.160%#		
50) Toluene-d8	7.902	98	128748	17.346	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	34.700%#		
62) 4-Bromofluorobenzene	10.635	95	49853	17.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	35.220%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	38909	20.213	ug/l	99
3) Chloromethane	1.520	50	46359	16.293	ug/l	98
4) Vinyl Chloride	1.607	62	50183	18.618	ug/l	99
5) Bromomethane	1.832	94	19364	14.157	ug/l	97
6) Chloroethane	1.912	64	36978	17.461	ug/l	98
7) Trichlorofluoromethane	2.128	101	64623	19.310	ug/l	97
8) Diethyl Ether	2.379	74	29278	19.192	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.578	101	36103	18.595	ug/l	100
10) Methyl Iodide	2.719	142	36992	17.545	ug/l	99
11) Tert butyl alcohol	3.224	59	69563	85.751	ug/l	100
12) 1,1-Dichloroethene	2.578	96	36034	18.704	ug/l	92
13) Acrolein	2.488	56	11630	54.558	ug/l	99
14) Allyl chloride	2.922	41	65896	17.819	ug/l	96
15) Acrylonitrile	3.317	53	145988	87.474	ug/l	99
16) Acetone	2.629	43	155706	98.328	ug/l	100
17) Carbon Disulfide	2.790	76	100181	18.411	ug/l	99
18) Methyl Acetate	2.951	43	86363	16.745	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	137946	19.168	ug/l	100
20) Methylene Chloride	3.047	84	44632	17.623	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	38993	18.953	ug/l	96
22) Diisopropyl ether	3.996	45	135383	18.493	ug/l	99
23) Vinyl Acetate	3.957	43	546280	91.142	ug/l	98
24) 1,1-Dichloroethane	3.870	63	78076	18.389	ug/l	99
25) 2-Butanone	4.706	43	217359	91.982	ug/l	97
26) 2,2-Dichloropropane	4.668	77	64457	19.738	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	45191	18.064	ug/l	99
28) Bromochloromethane	4.976	49	29749	15.067	ug/l	97
29) Tetrahydrofuran	5.054	42	126053	85.877	ug/l	95
30) Chloroform	5.092	83	77452	18.022	ug/l	96
31) Cyclohexane	5.388	56	74866	18.667	ug/l	95
32) 1,1,1-Trichloroethane	5.317	97	63895	18.383	ug/l	99
36) 1,1-Dichloropropene	5.530	75	56936	18.396	ug/l	99
37) Ethyl Acetate	4.806	43	73938	16.565	ug/l	98
38) Carbon Tetrachloride	5.530	117	49477	17.995	ug/l	96
39) Methylcyclohexane	6.764	83	70475	19.919	ug/l	96
40) Benzene	5.777	78	171135	18.191	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	39234	17.562	ug/l	96
42) 1,2-Dichloroethane	5.796	62	68137	18.371	ug/l	99
43) Isopropyl Acetate	5.915	43	110619	17.493	ug/l	99
44) Trichloroethene	6.546	130	39556	17.468	ug/l	100
45) 1,2-Dichloropropane	6.793	63	44563	17.683	ug/l	98
46) Dibromomethane	6.922	93	30247	17.948	ug/l	100
47) Bromodichloromethane	7.108	83	57537	17.341	ug/l	98
48) Methyl methacrylate	6.964	41	53945	18.075	ug/l	96
49) 1,4-Dioxane	6.973	88	29692	390.040	ug/l	94
51) 4-Methyl-2-Pentanone	7.796	43	413322	91.338	ug/l	99
52) Toluene	7.973	92	103980	18.392	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	64597	18.410	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	69234	18.372	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	43641	18.093	ug/l	99
56) Ethyl methacrylate	8.336	69	75298	19.444	ug/l	99
57) 1,3-Dichloropropane	8.581	76	77996	18.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	97161	105.472	ug/l	97
59) 2-Hexanone	8.690	43	344920	94.254	ug/l	98
60) Dibromochloromethane	8.812	129	40447	17.453	ug/l	99
61) 1,2-Dibromoethane	8.928	107	46435	18.249	ug/l	99
64) Tetrachloroethene	8.555	164	35038	19.082	ug/l	98
65) Chlorobenzene	9.449	112	107419	18.844	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	38032	18.718	ug/l	98
67) Ethyl Benzene	9.574	91	198965	19.500	ug/l	99
68) m/p-Xylenes	9.697	106	154749	39.696	ug/l	99
69) o-Xylene	10.105	106	78506	20.694	ug/l	99
70) Styrene	10.118	104	129203	20.243	ug/l	99
71) Bromoform	10.295	173	31620	18.529	ug/l #	99
73) Isopropylbenzene	10.488	105	202087	20.065	ug/l	100
74) N-amyl acetate	10.324	43	100490	19.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	88215	19.056	ug/l	98
76) 1,2,3-Trichloropropane	10.828	75	81747m	18.936	ug/l	
77) Bromobenzene	10.787	156	47554	19.615	ug/l	98
78) n-propylbenzene	10.909	91	243524	19.885	ug/l	100
79) 2-Chlorotoluene	10.989	91	151110	20.173	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	177091	20.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	26847	19.646	ug/l	99
82) 4-Chlorotoluene	11.098	91	173286	20.299	ug/l	99
83) tert-Butylbenzene	11.423	119	171220	20.560	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	177453	20.918	ug/l	99
85) sec-Butylbenzene	11.648	105	222336	20.720	ug/l	100
86) p-Isopropyltoluene	11.796	119	178372	20.432	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	91198	19.322	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	92095	18.922	ug/l	98
89) n-Butylbenzene	12.211	91	156585	19.484	ug/l	99
90) Hexachloroethane	12.478	117	30365	19.132	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	93372	18.730	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	20498	18.525	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	50602	18.565	ug/l	98
94) Hexachlorobutadiene	14.024	225	22734	18.871	ug/l	97
95) Naphthalene	14.089	128	187572	19.775	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	51142	18.607	ug/l	100

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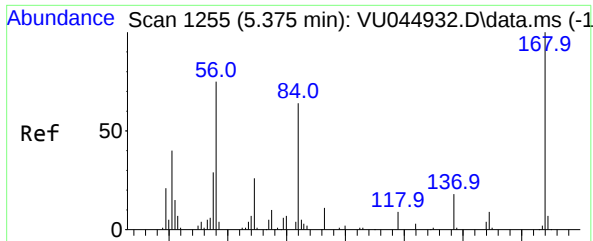
Manual Integrations
APPROVED

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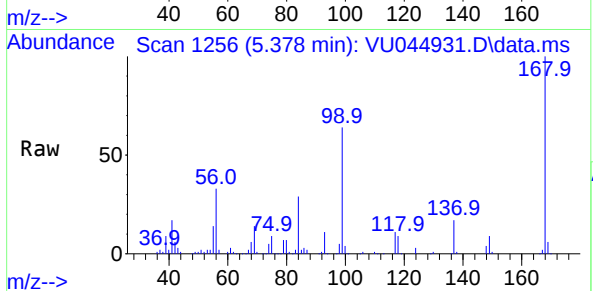
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

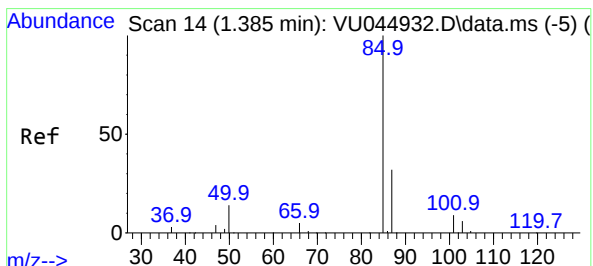
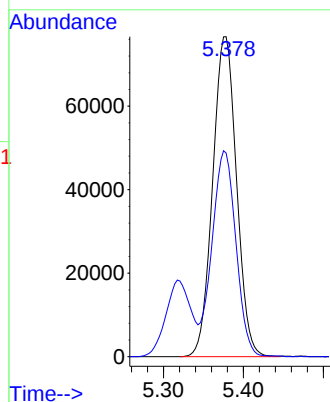
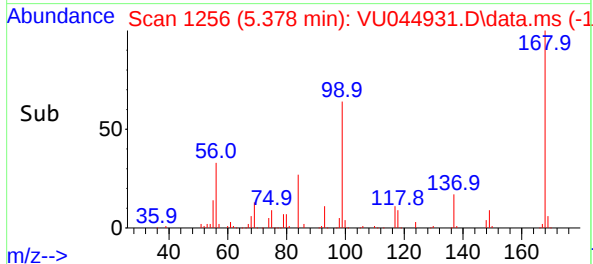
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 15862
Ion Ratio Lower Upper
168 100
99 63.5 51.4 77.0

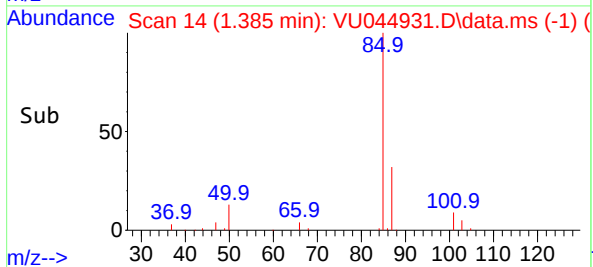
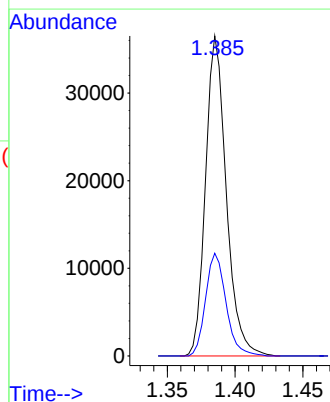
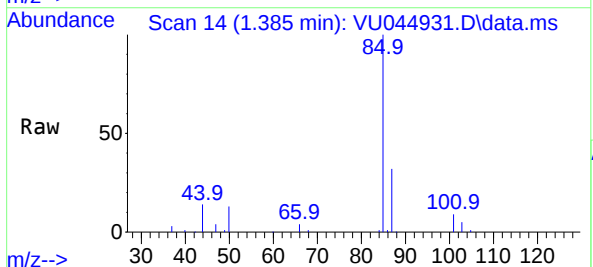
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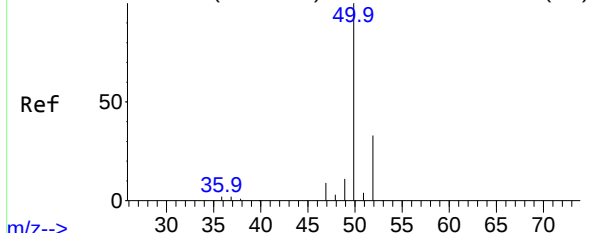


#2
Dichlorodifluoromethane
Concen: 20.213 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 85 Resp: 38909
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0



Abundance Scan 56 (1.520 min): VU044932.D\data.ms (-47)



#3

Chloromethane

Concen: 16.293 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 4635

Ion Ratio Lower Upper

50 100

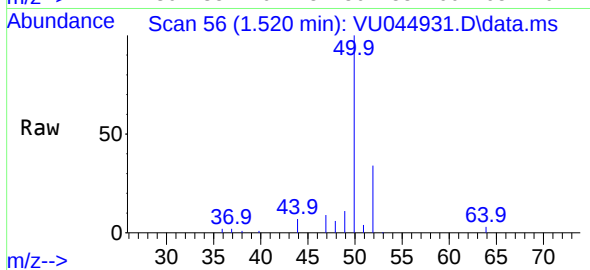
52 34.0 26.3 39.5

Manual Integrations

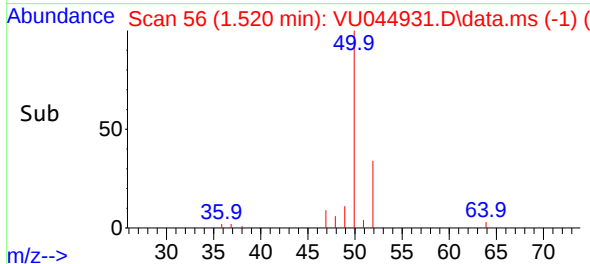
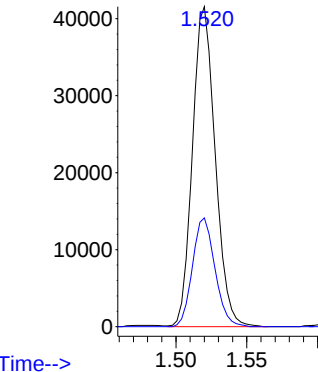
APPROVED

Reviewed By :John Carlone 09/29/2021

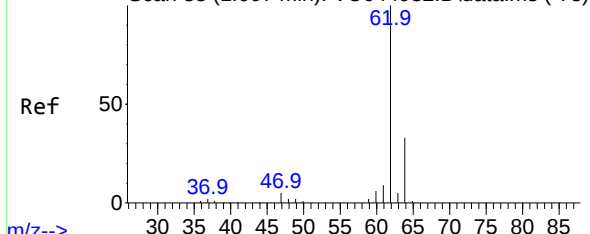
Supervised By :Mahesh Dadoda 09/30/2021



Abundance



Abundance Scan 83 (1.607 min): VU044932.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 18.618 ug/l

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044931.D

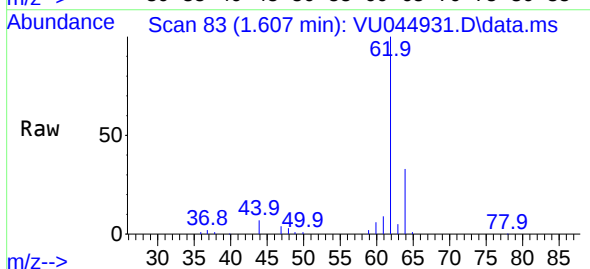
Acq: 28 Sep 2021 11:00

Tgt Ion: 62 Resp: 50183

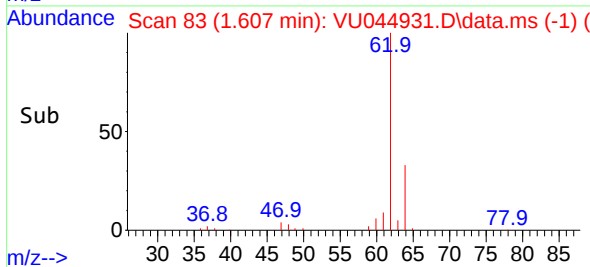
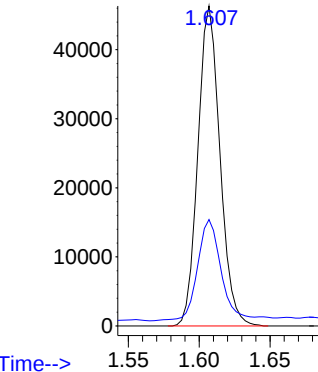
Ion Ratio Lower Upper

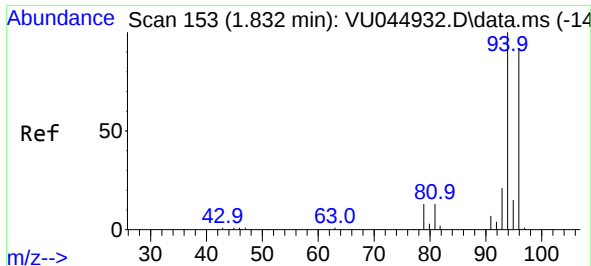
62 100

64 31.2 25.6 38.4



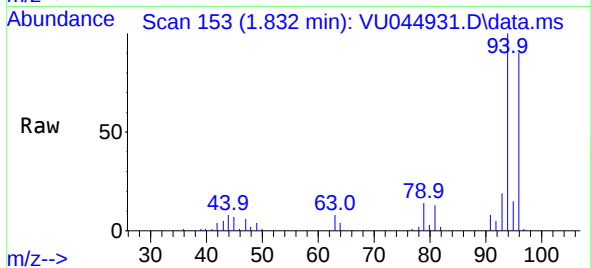
Abundance





#5
Bromomethane
Concen: 14.157 ug/l
RT: 1.832 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

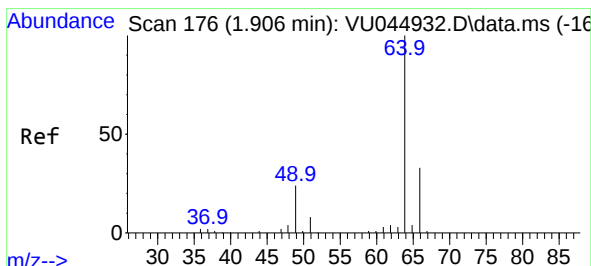
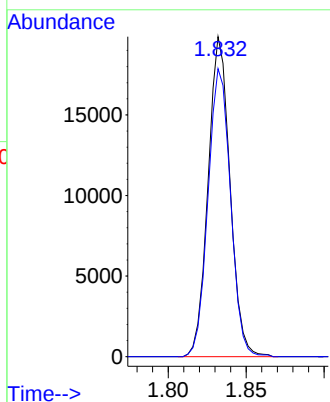
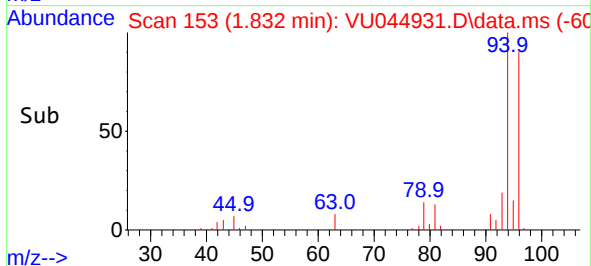
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Tgt Ion: 94 Resp: 19364
Ion Ratio Lower Upper
94 100
96 90.0 74.5 111.7

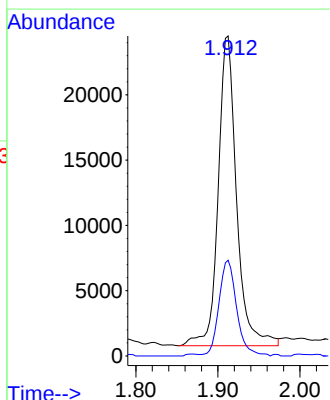
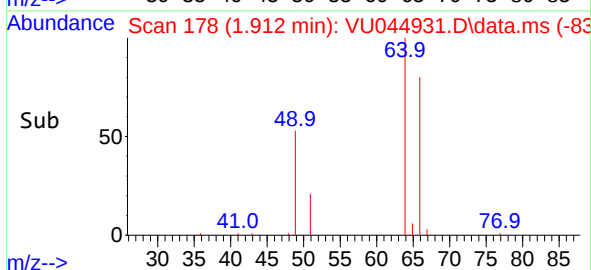
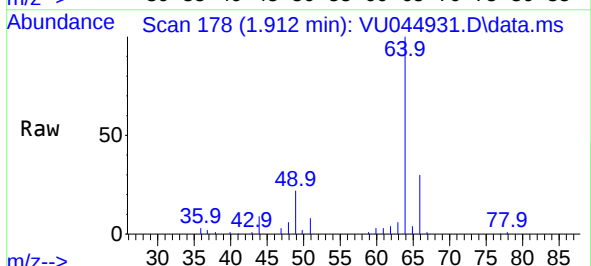
Manual Integrations
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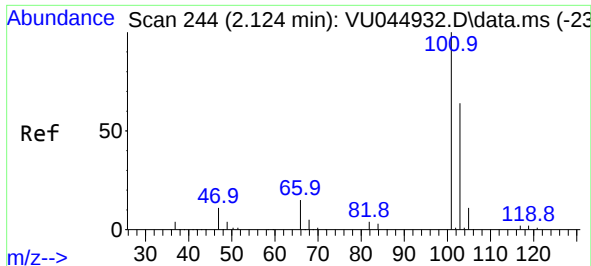
Reviewed By :John Carlone 09/29/2021
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#6
Chloroethane
Concen: 17.461 ug/l
RT: 1.912 min Scan# 178
Delta R.T. 0.006 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 64 Resp: 36978
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8





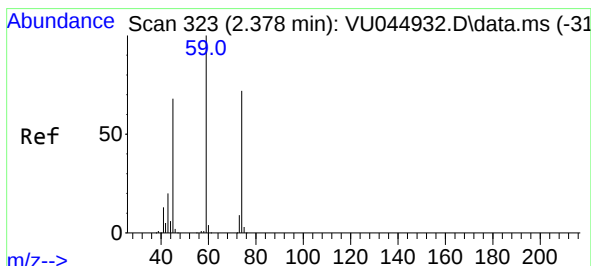
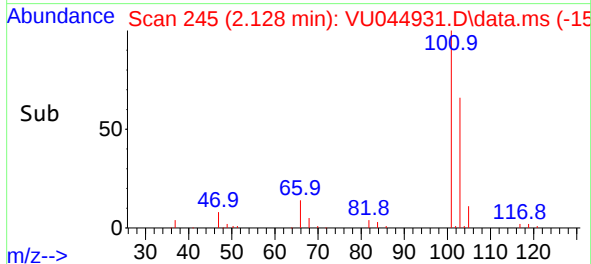
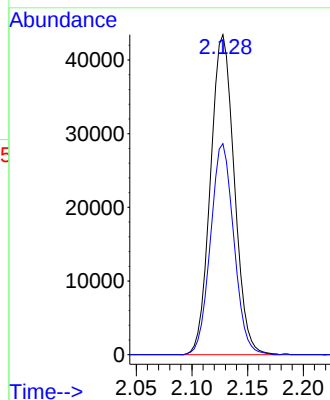
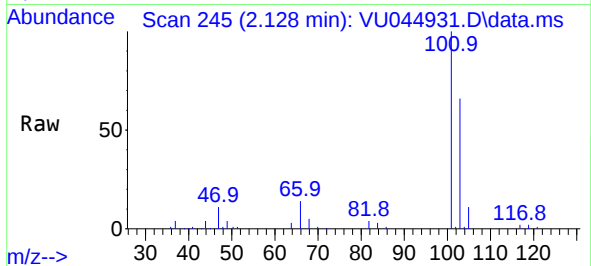
#7
Trichlorofluoromethane
Concen: 19.310 ug/l
RT: 2.128 min Scan# 244
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6462
Ion Ratio Lower Upper
101 100
103 66.0 51.2 76.8

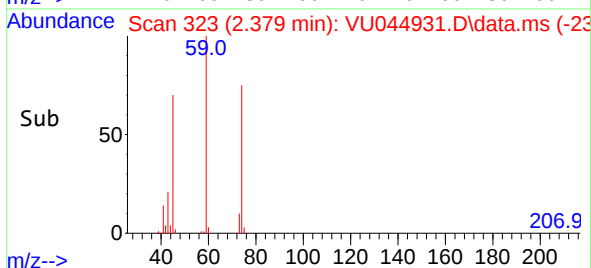
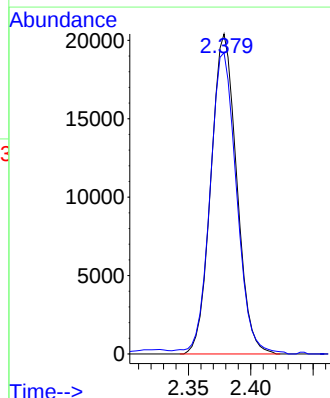
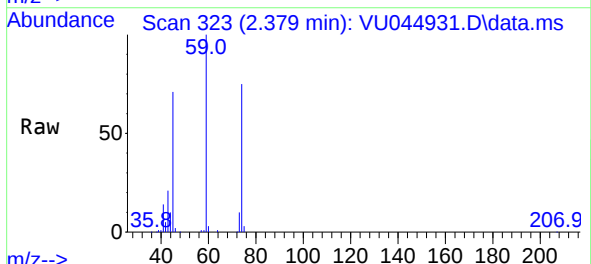
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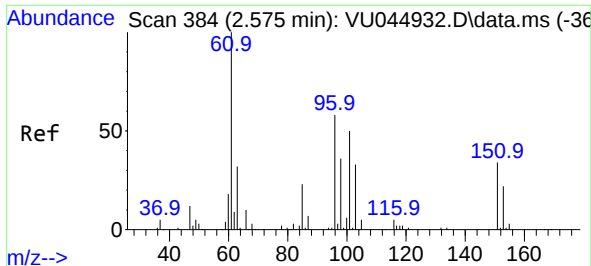
Reviewed By :John Carlone 09/29/2021
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#8
Diethyl Ether
Concen: 19.192 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 74 Resp: 29278
Ion Ratio Lower Upper
74 100
45 97.4 52.2 156.6





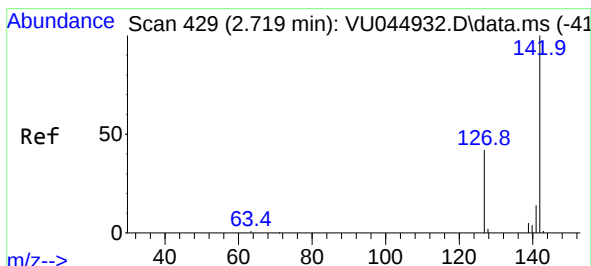
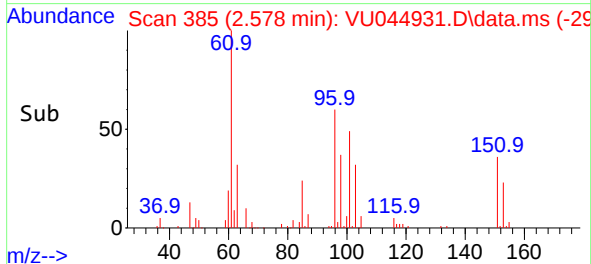
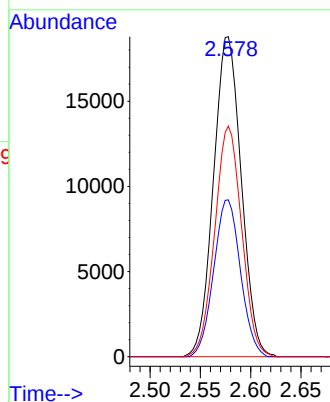
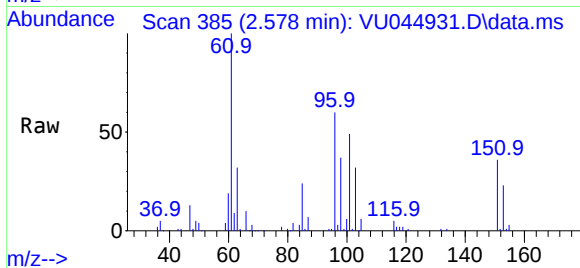
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.595 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3610
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 69.9 55.8 83.8

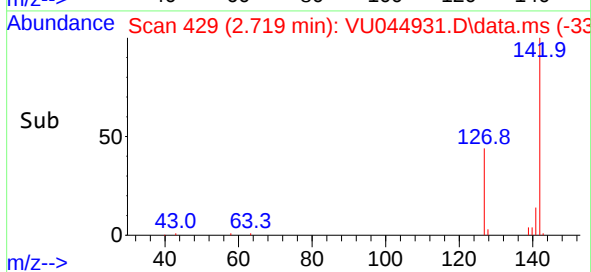
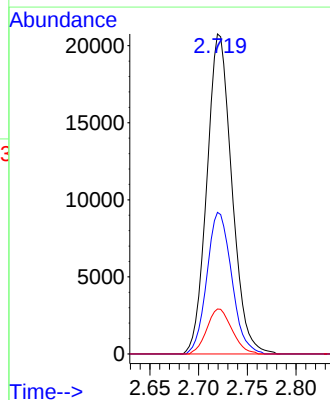
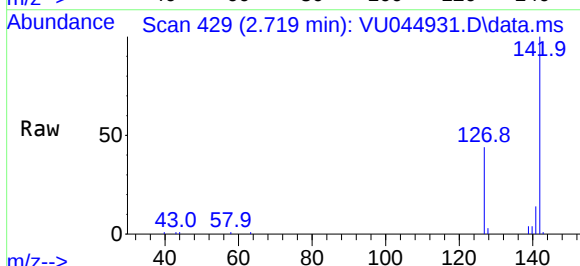
Manual Integrations
APPROVED

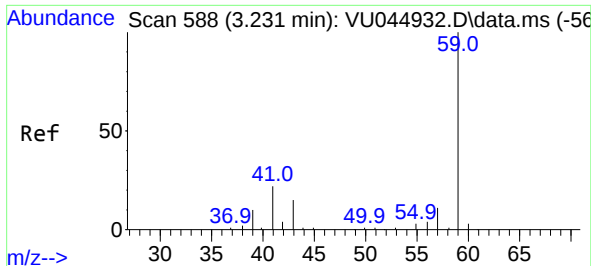
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 17.545 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion:142 Resp: 36992
Ion Ratio Lower Upper
142 100
127 44.0 35.6 53.4
141 14.1 11.3 16.9





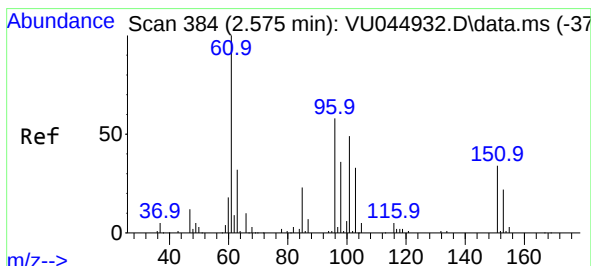
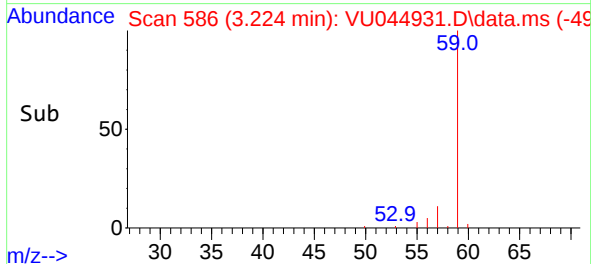
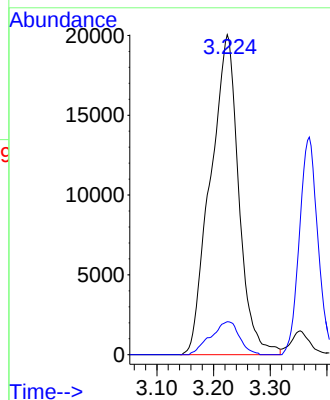
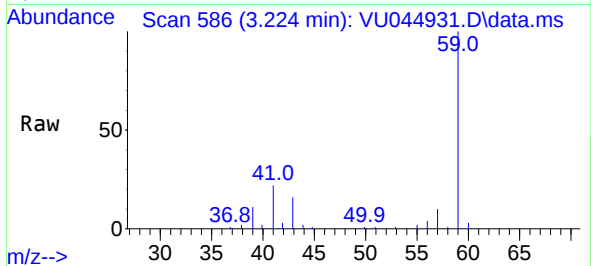
#11
Tert butyl alcohol
Concen: 85.751 ug/l
RT: 3.224 min Scan# 586
Delta R.T. -0.006 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 6956
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

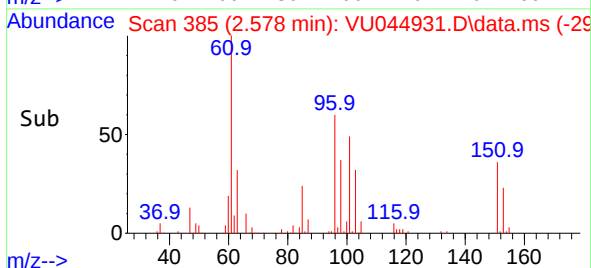
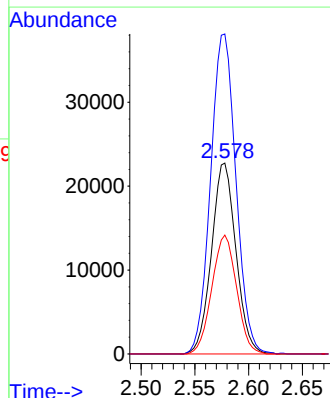
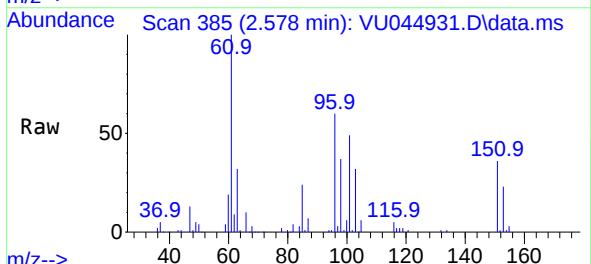
Manual Integrations
APPROVED

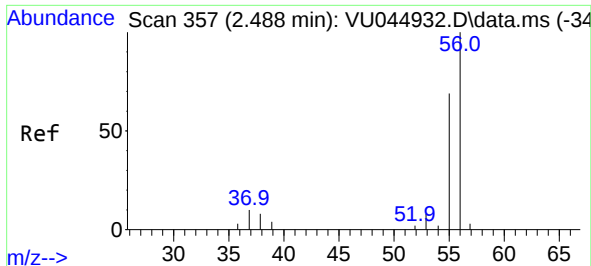
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#12
1,1-Dichloroethene
Concen: 18.704 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 96 Resp: 36034
Ion Ratio Lower Upper
96 100
61 167.7 145.4 218.0
98 62.3 50.9 76.3





#13

Acrolein

Concen: 54.558 ug/l

RT: 2.488 min Scan# 357

Delta R.T. 0.000 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 11630

Ion Ratio Lower Upper

56 100

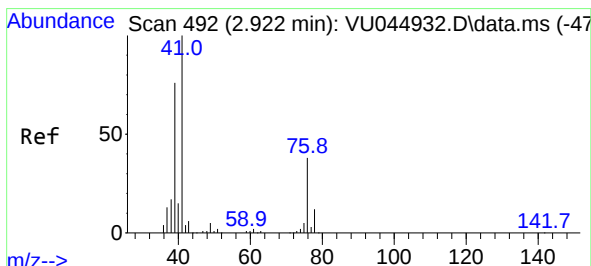
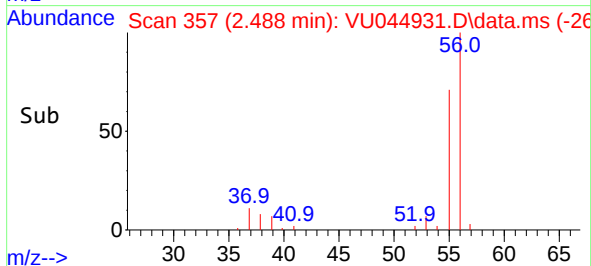
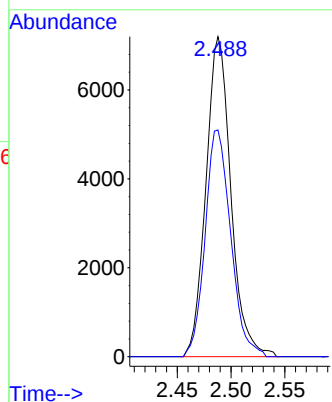
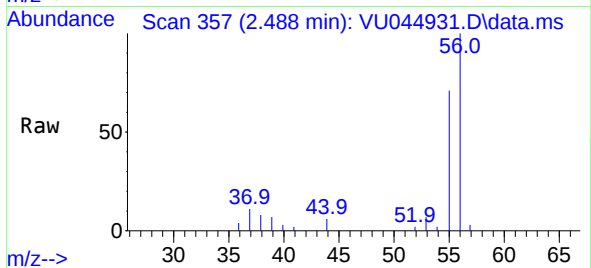
55 72.6 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#14

Allyl chloride

Concen: 17.819 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

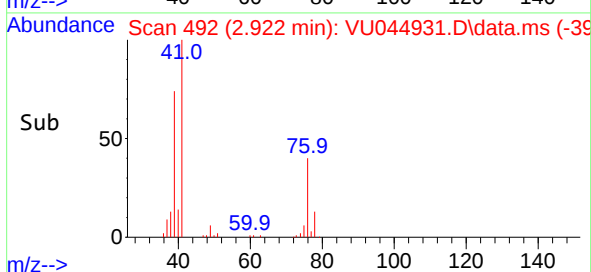
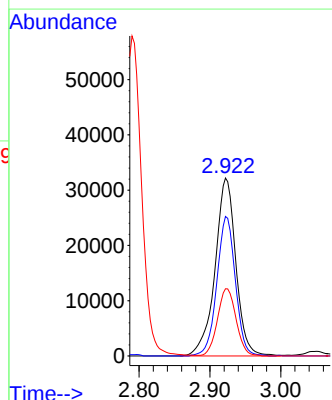
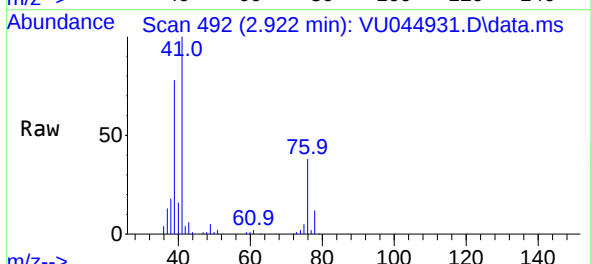
Tgt Ion: 41 Resp: 65896

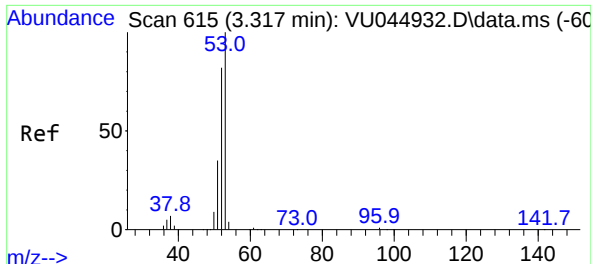
Ion Ratio Lower Upper

41 100

39 69.6 53.0 79.6

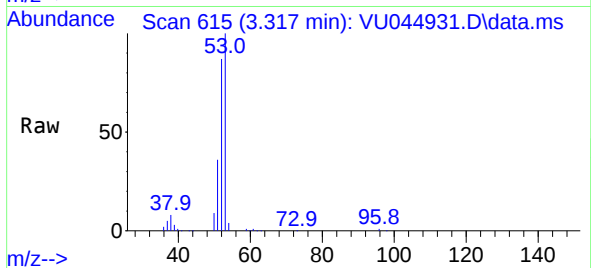
76 33.8 25.7 38.5





#15
Acrylonitrile
Concen: 87.474 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

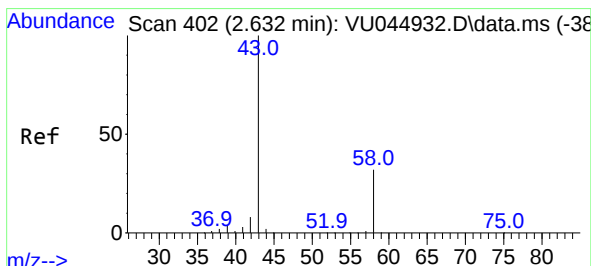
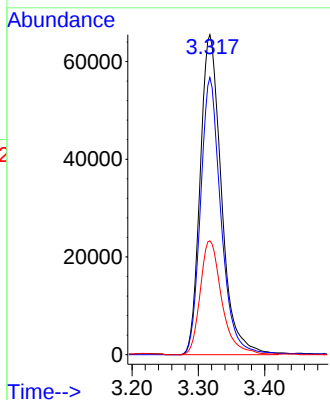
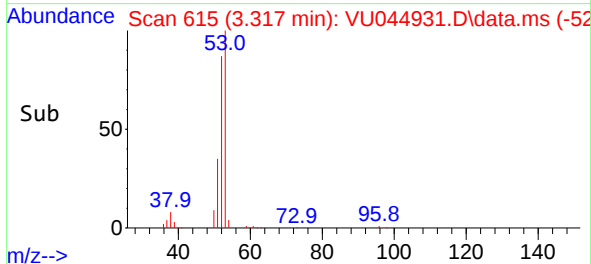
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



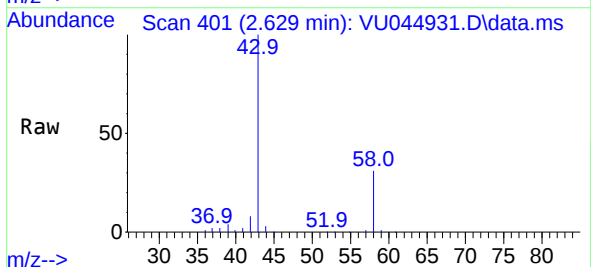
Tgt Ion: 53 Resp: 145988
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 36.2 28.6 42.8

Manual Integrations
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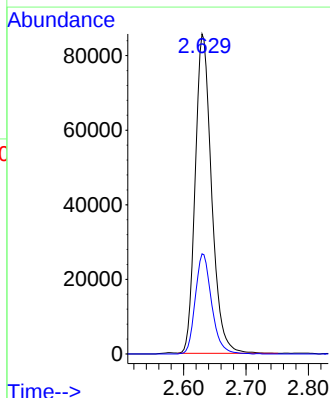
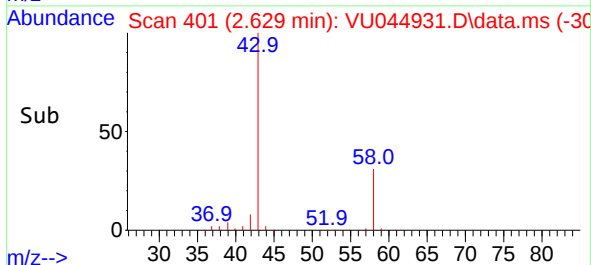
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

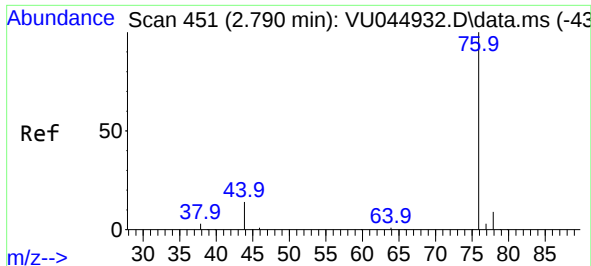


#16
Acetone
Concen: 98.328 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



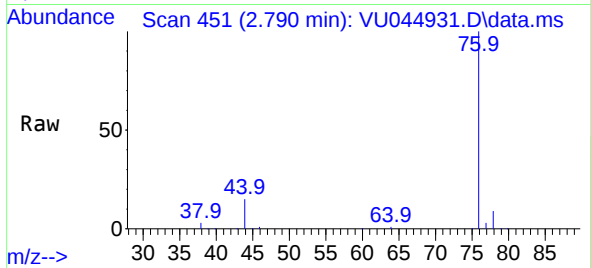
Tgt Ion: 43 Resp: 155706
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8





#17
Carbon Disulfide
Concen: 18.411 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

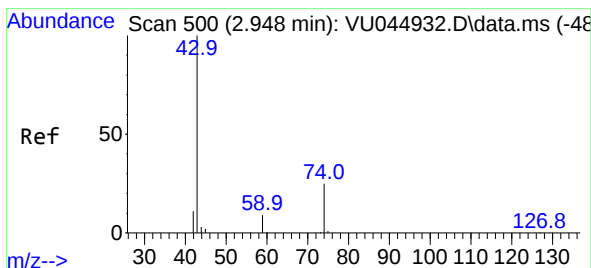
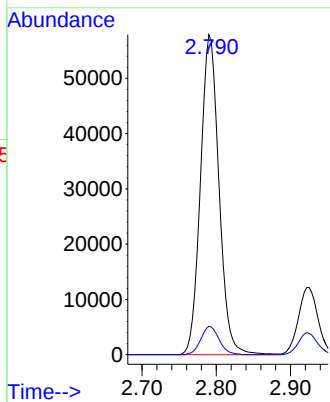
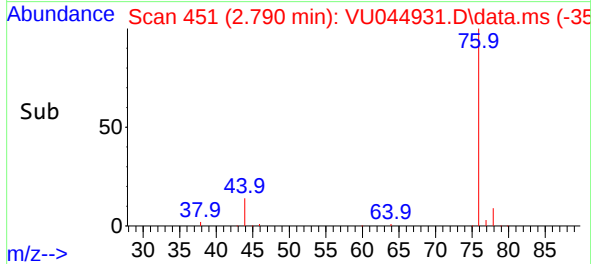
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



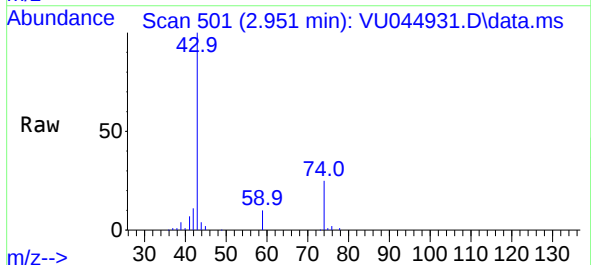
Tgt Ion: 76 Resp: 10018
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
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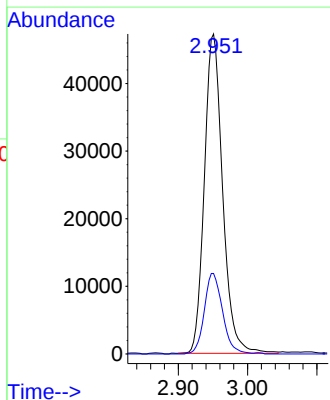
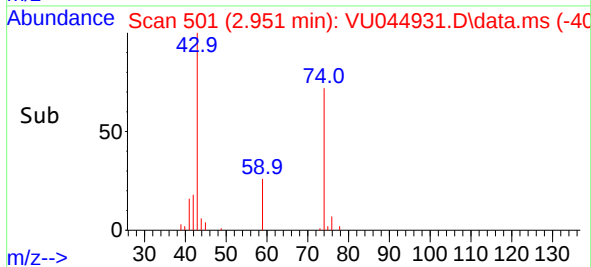
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

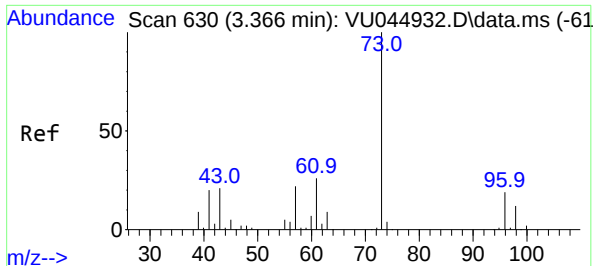


#18
Methyl Acetate
Concen: 16.745 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



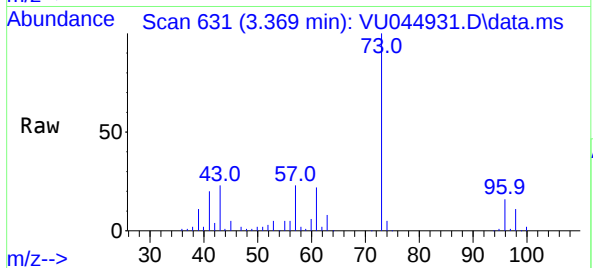
Tgt Ion: 43 Resp: 86363
Ion Ratio Lower Upper
43 100
74 25.1 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 19.168 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

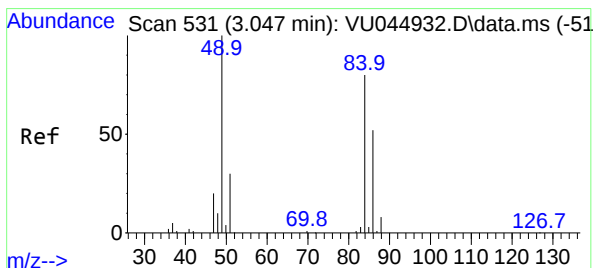
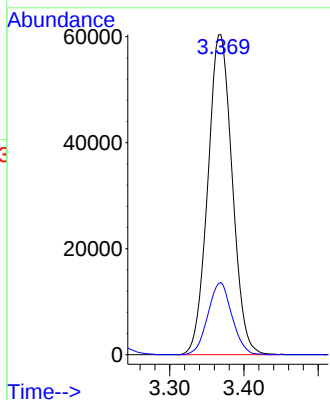
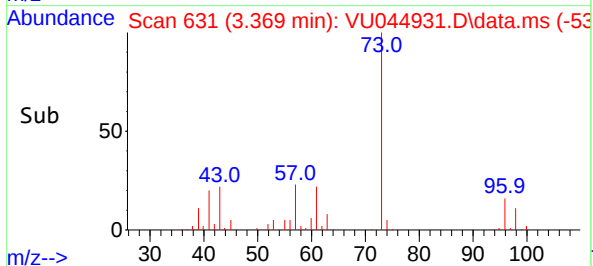
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 137940
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2

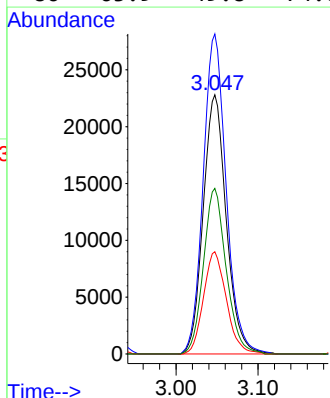
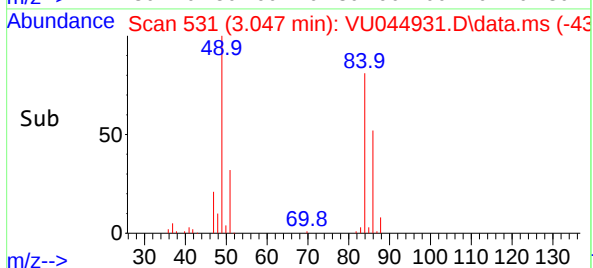
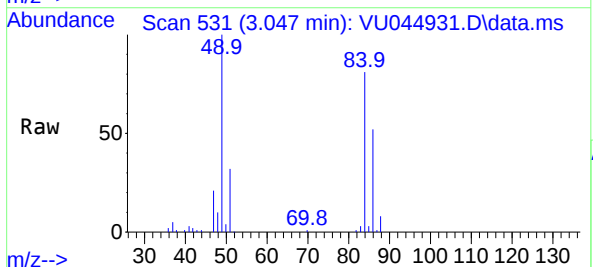
Manual Integrations
APPROVED

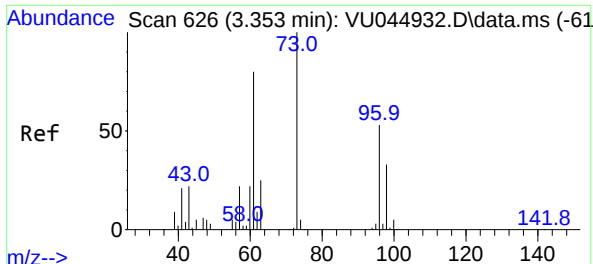
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#20
Methylene Chloride
Concen: 17.623 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

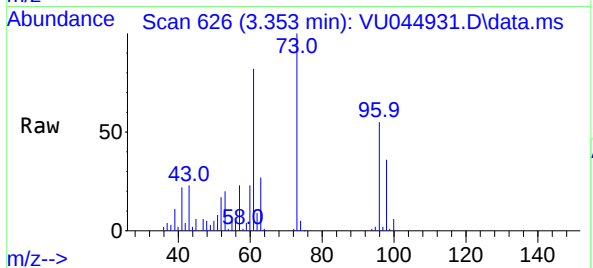
Tgt Ion: 84 Resp: 44632
Ion Ratio Lower Upper
84 100
49 123.4 104.9 157.3
51 39.4 31.8 47.8
86 63.9 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 18.953 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

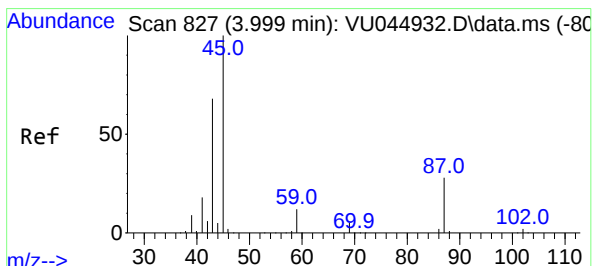
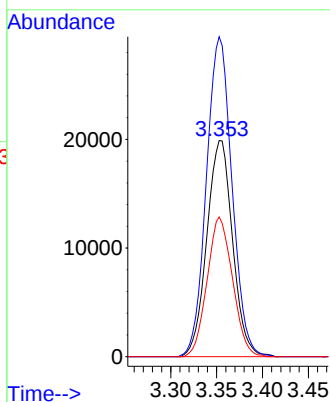
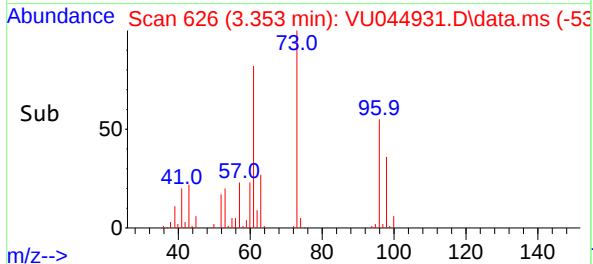
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



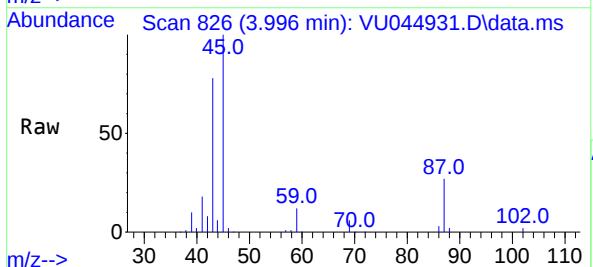
Tgt Ion: 96 Resp: 3899
Ion Ratio Lower Upper
96 100
61 148.0 123.2 184.8
98 64.7 51.0 76.6

Manual Integrations
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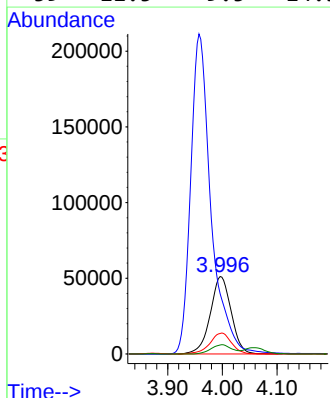
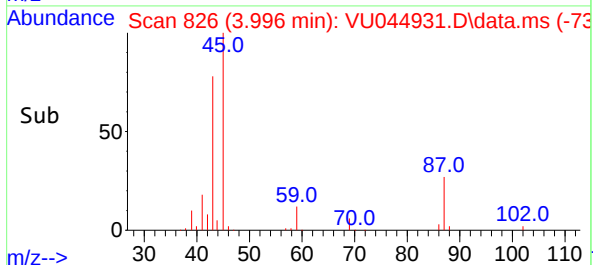
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

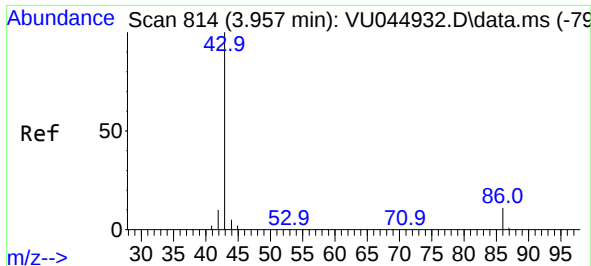


#22
Diisopropyl ether
Concen: 18.493 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



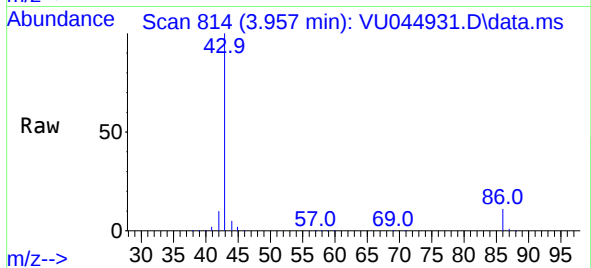
Tgt Ion: 45 Resp: 135383
Ion Ratio Lower Upper
45 100
43 76.8 62.3 93.5
87 26.5 21.0 31.4
59 11.5 9.5 14.3





#23
 Vinyl Acetate
 Concen: 91.142 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU044931.D
 Acq: 28 Sep 2021 11:00

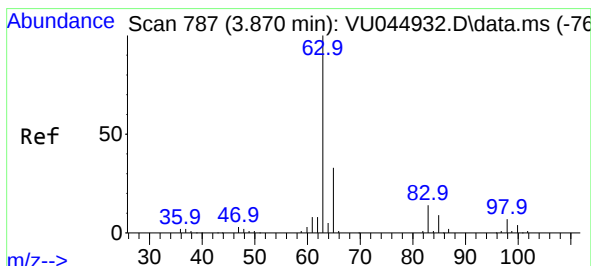
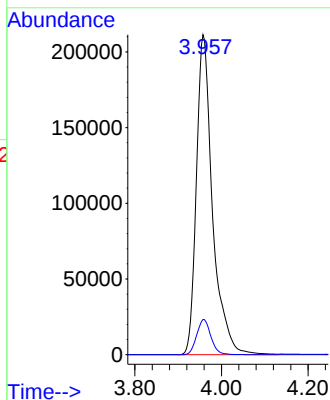
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 546280
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4

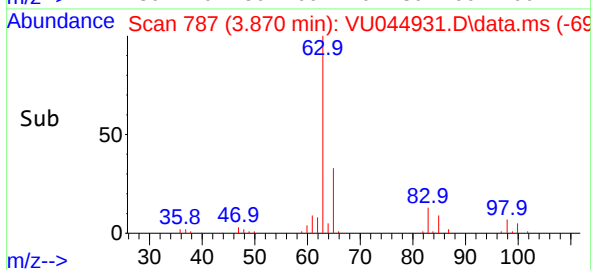
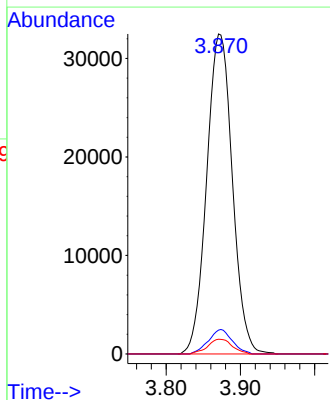
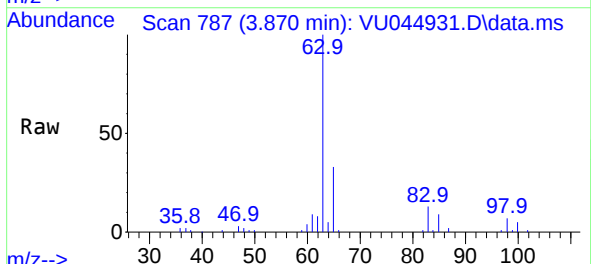
Manual Integrations
 APPROVED

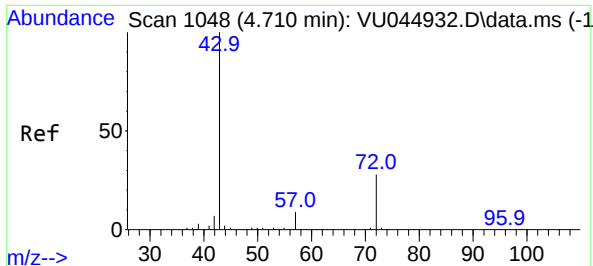
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 18.389 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU044931.D
 Acq: 28 Sep 2021 11:00

Tgt Ion: 63 Resp: 78076
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.1 6.3





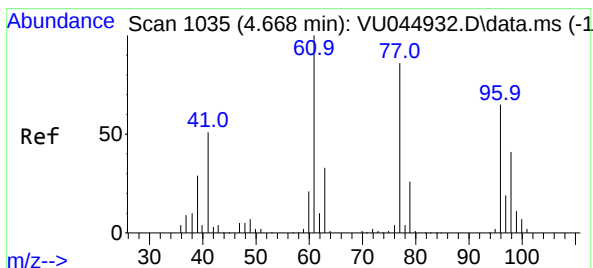
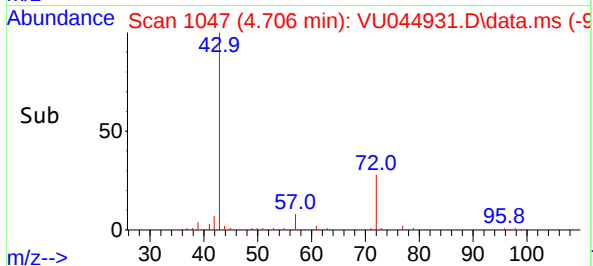
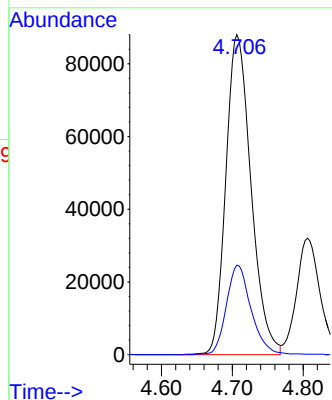
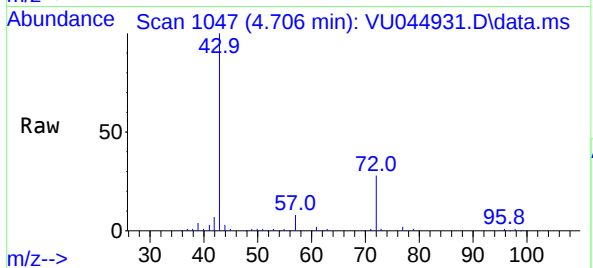
#25
2-Butanone
Concen: 91.982 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 21735
Ion Ratio Lower Upper
43 100
72 27.9 21.3 31.9

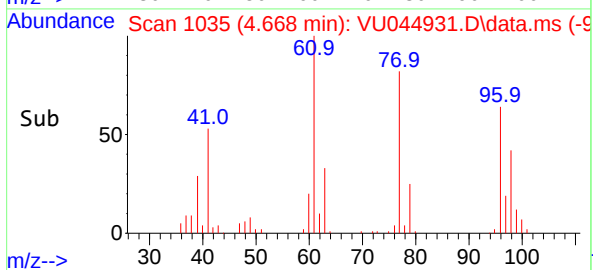
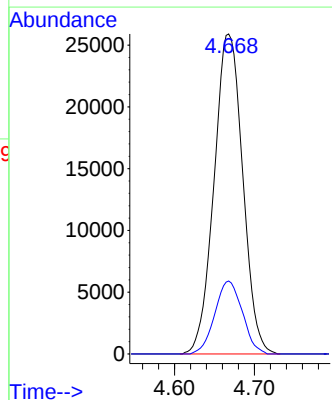
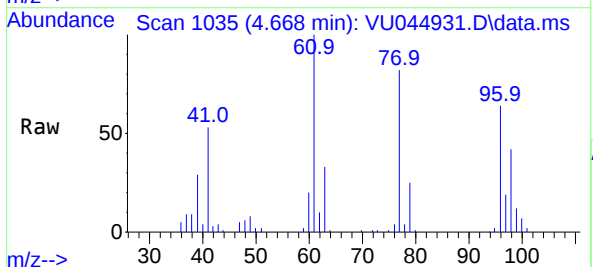
Manual Integrations
APPROVED

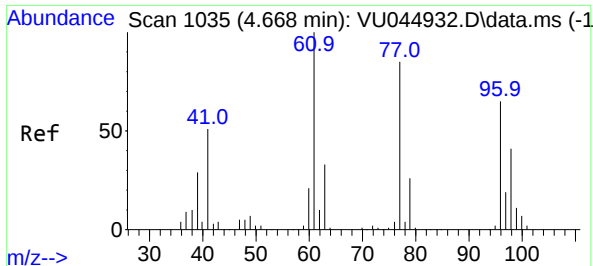
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 19.738 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 77 Resp: 64457
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4





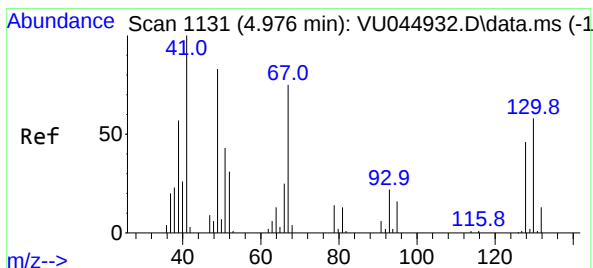
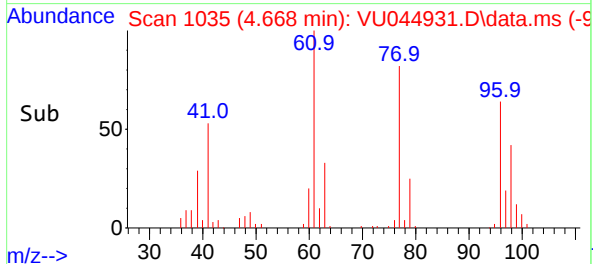
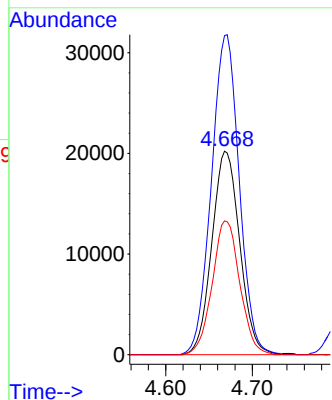
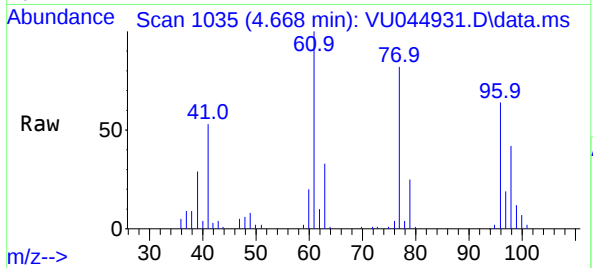
#27
 cis-1,2-Dichloroethene
 Concen: 18.064 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU044931.D
 Acq: 28 Sep 2021 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 4519
 Ion Ratio Lower Upper
 96 100
 61 157.0 0.0 313.4
 98 65.1 0.0 127.0

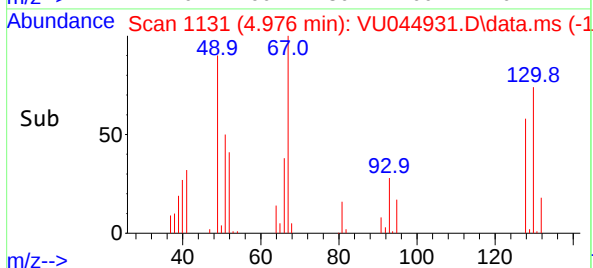
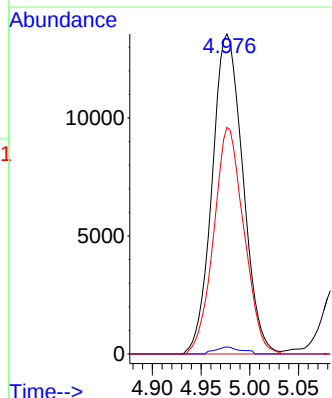
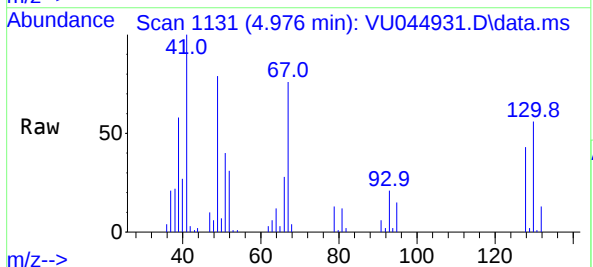
Manual Integrations
 APPROVED

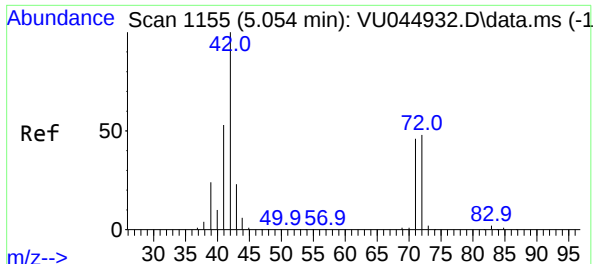
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#28
 Bromochloromethane
 Concen: 15.067 ug/l
 RT: 4.976 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU044931.D
 Acq: 28 Sep 2021 11:00

Tgt Ion: 49 Resp: 29749
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 69.5 53.4 80.2





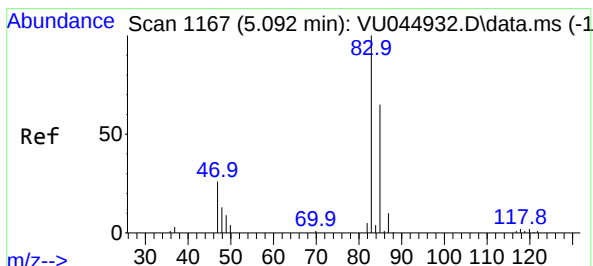
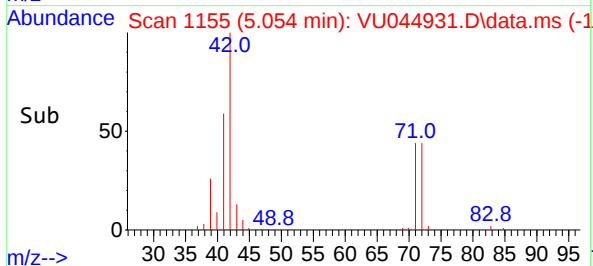
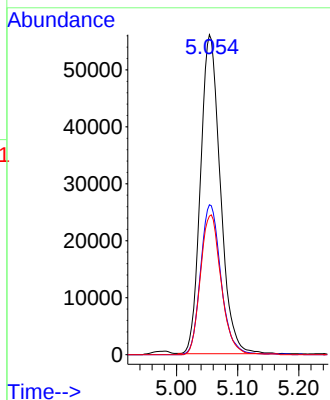
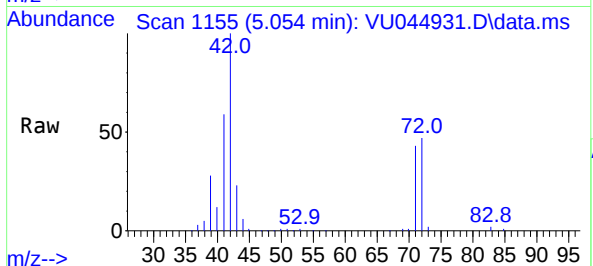
#29
Tetrahydrofuran
Concen: 85.877 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 12605
Ion Ratio Lower Upper
42 100
72 48.3 36.2 54.4
71 45.6 34.1 51.1

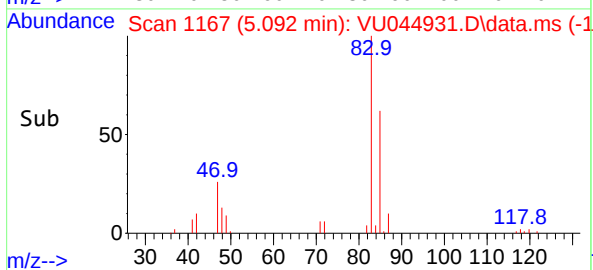
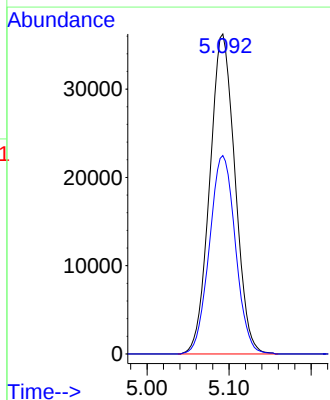
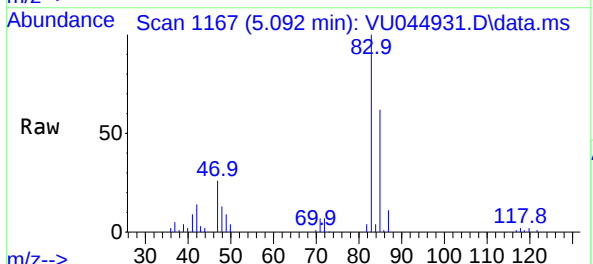
Manual Integrations
APPROVED

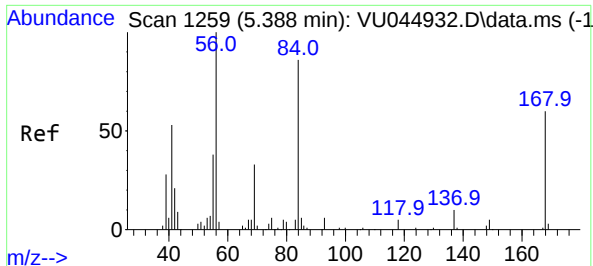
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#30
Chloroform
Concen: 18.022 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

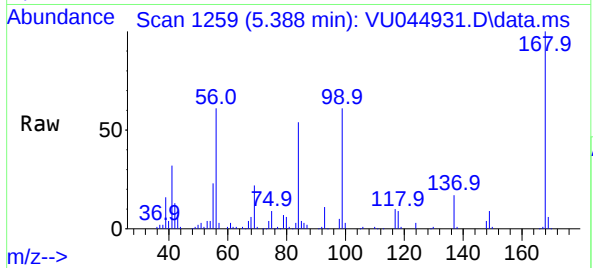
Tgt Ion: 83 Resp: 77452
Ion Ratio Lower Upper
83 100
85 62.0 52.1 78.1





#31
Cyclohexane
Concen: 18.667 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

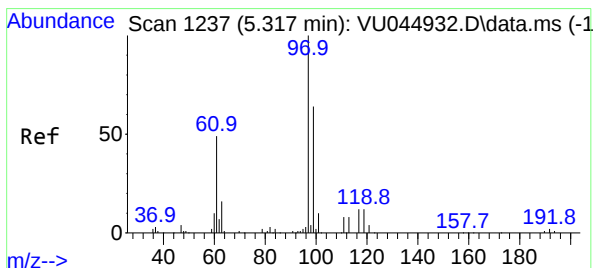
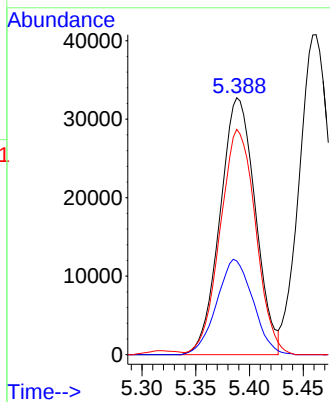
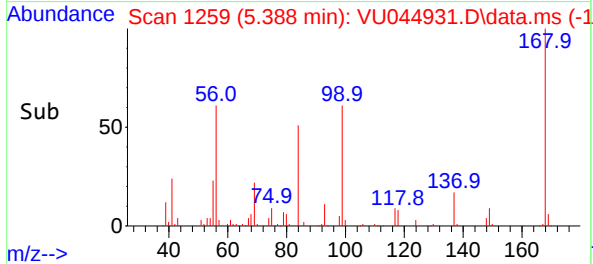
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



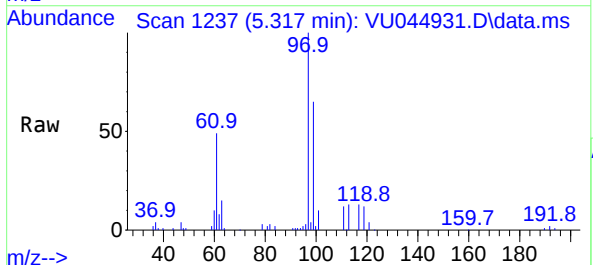
Tgt Ion: 56 Resp: 7486
Ion Ratio Lower Upper
56 100
69 36.5 25.2 37.8
84 86.5 66.4 99.6

Manual Integrations
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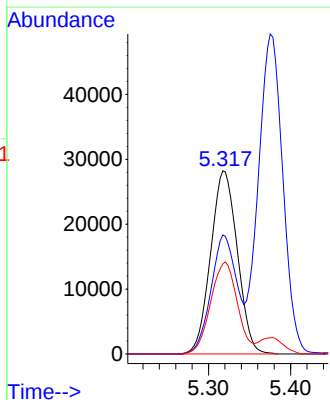
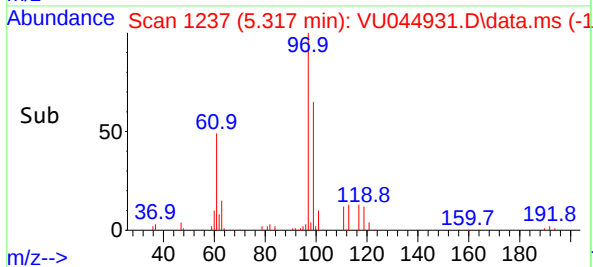
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

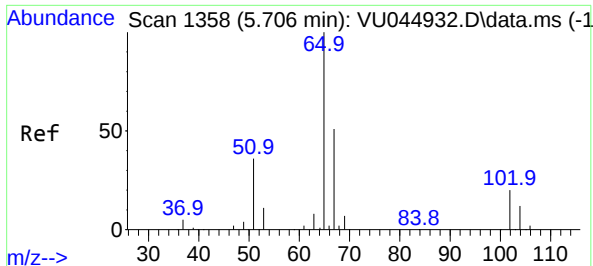


#32
1,1,1-Trichloroethane
Concen: 18.383 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



Tgt Ion: 97 Resp: 63895
Ion Ratio Lower Upper
97 100
99 62.5 50.9 76.3
61 50.4 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 17.668 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 48140

Ion Ratio Lower Upper

65 100

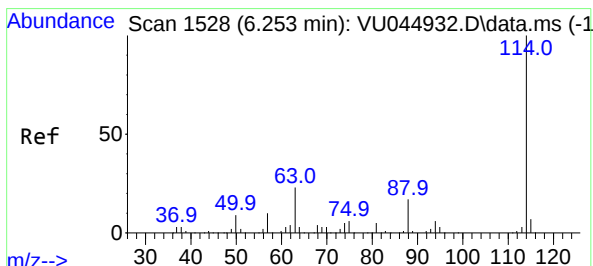
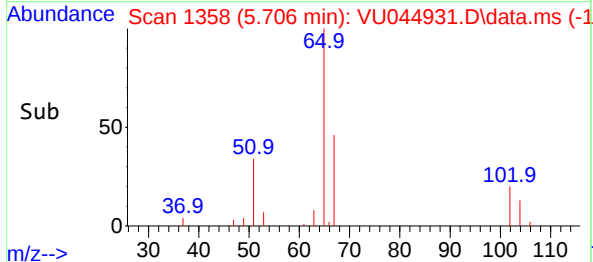
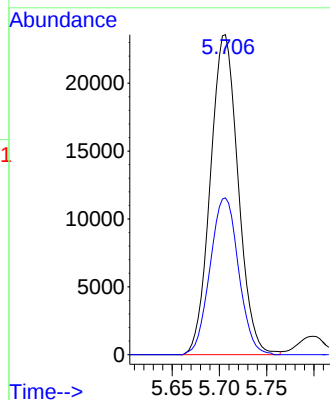
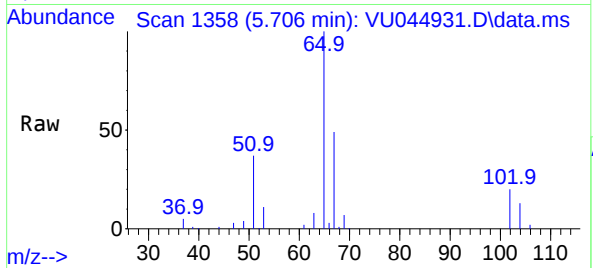
67 50.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

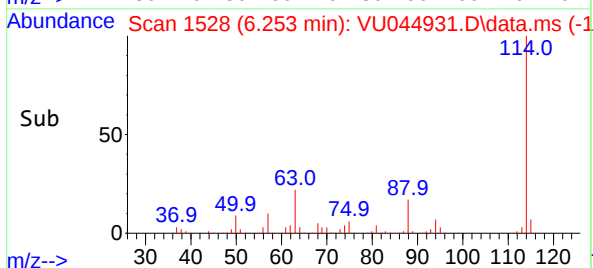
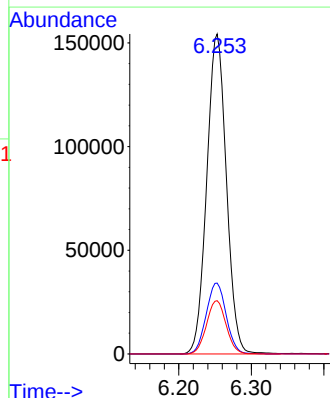
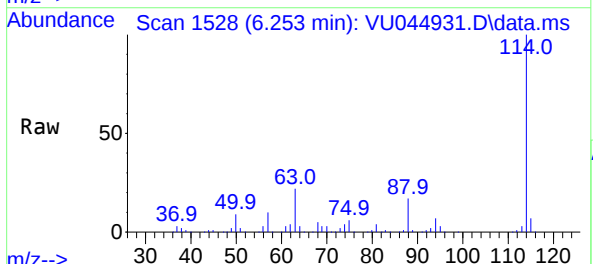
Tgt Ion:114 Resp: 290085

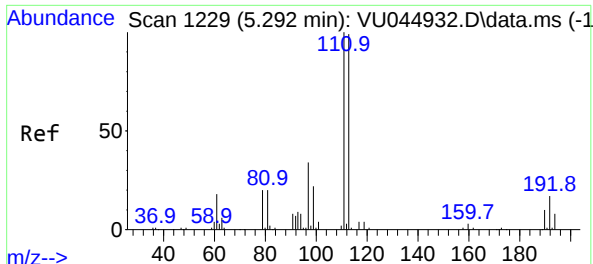
Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.8

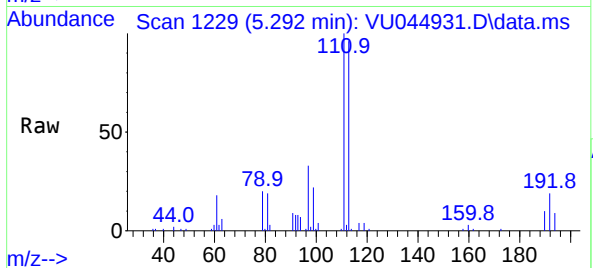
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 16.580 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

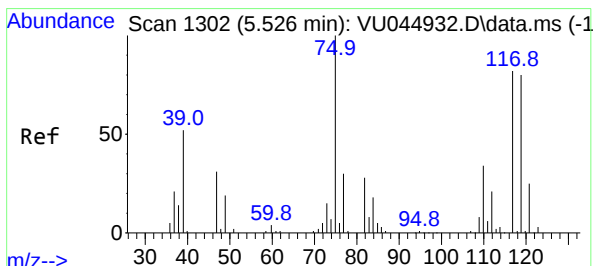
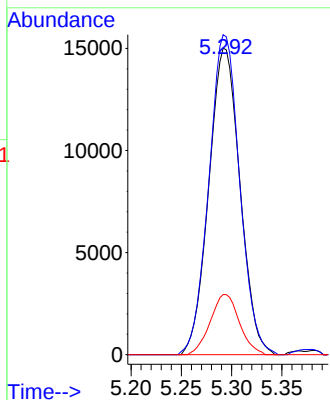
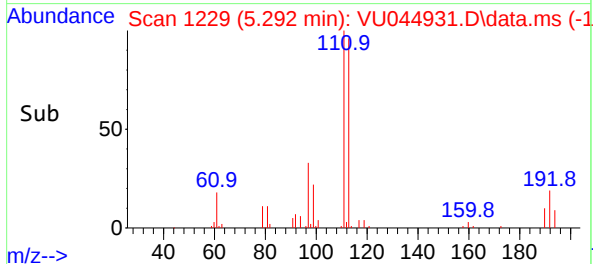
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



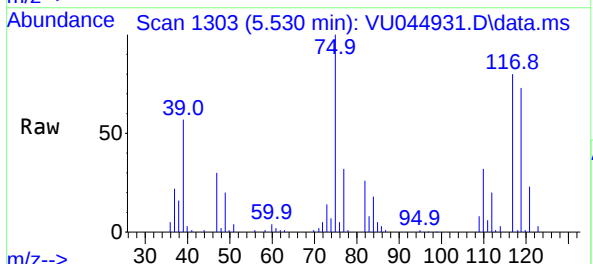
Tgt Ion: 113 Resp: 32380
Ion Ratio Lower Upper
113 100
111 103.0 84.1 126.1
192 18.4 14.8 22.2

Manual Integrations
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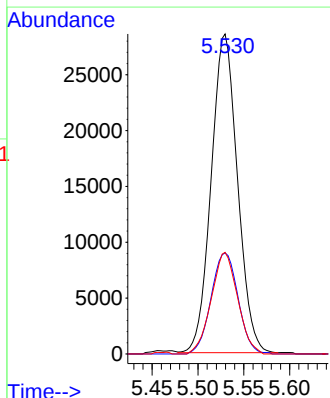
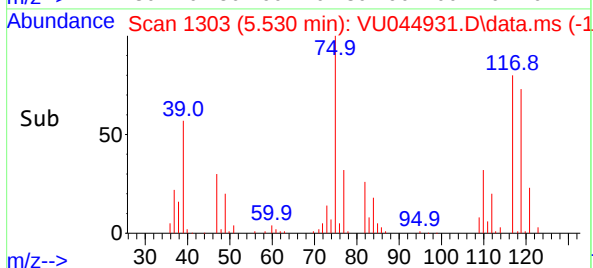
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

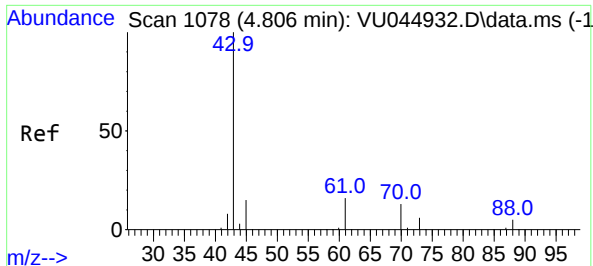


#36
1,1-Dichloropropene
Concen: 18.396 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



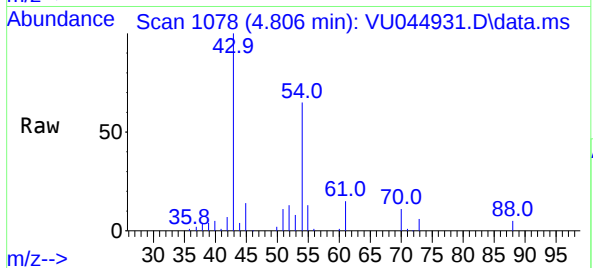
Tgt Ion: 75 Resp: 56936
Ion Ratio Lower Upper
75 100
110 32.5 16.3 48.9
77 31.9 25.0 37.4





#37
Ethyl Acetate
Concen: 16.565 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

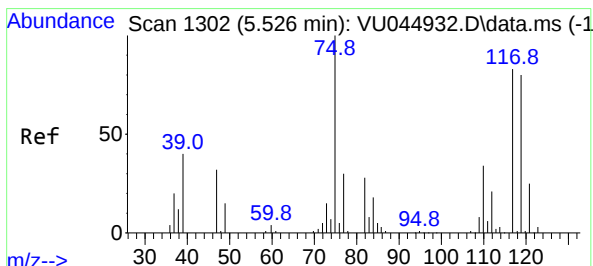
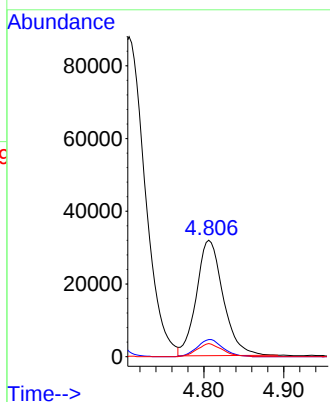
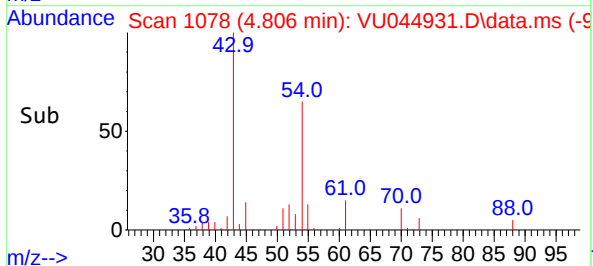
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 73938
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 10.7 8.2 12.4

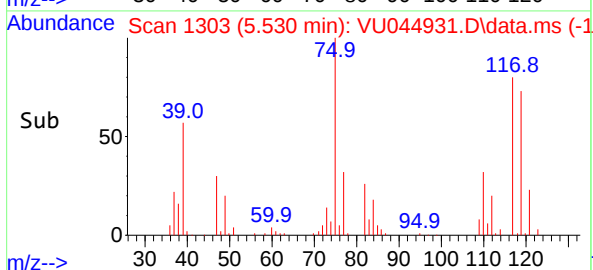
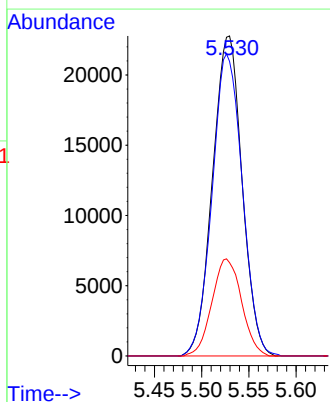
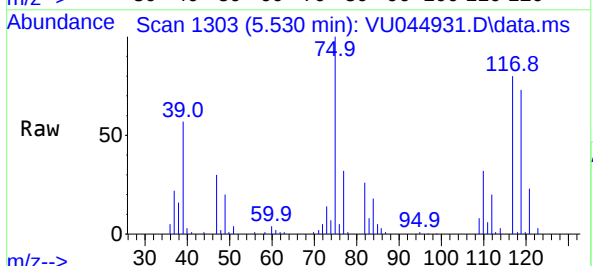
Manual Integrations
APPROVED

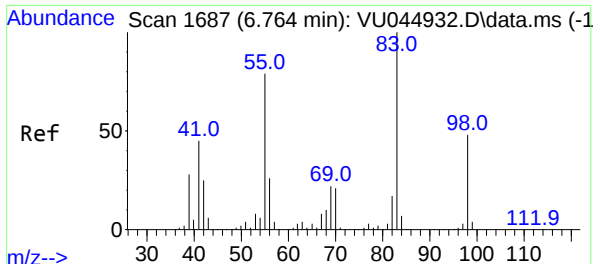
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 17.995 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

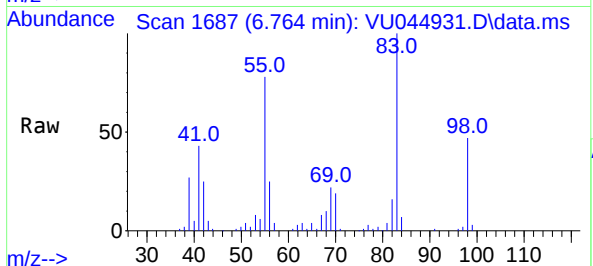
Tgt Ion:117 Resp: 49477
Ion Ratio Lower Upper
117 100
119 92.0 77.4 116.2
121 29.1 24.5 36.7





#39
Methylcyclohexane
Concen: 19.919 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

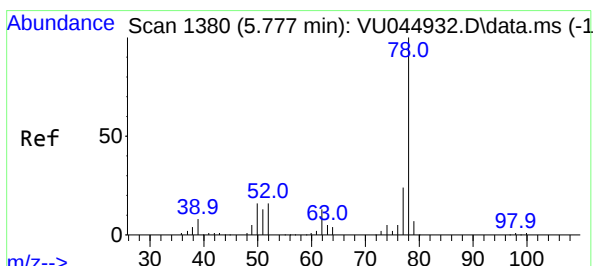
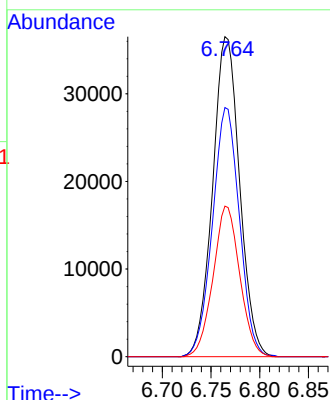
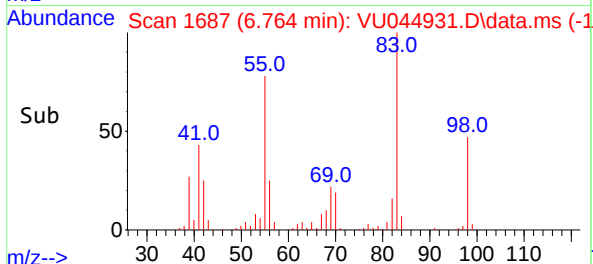
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 70475
Ion Ratio Lower Upper
83 100
55 77.9 66.2 99.4
98 47.1 37.5 56.3

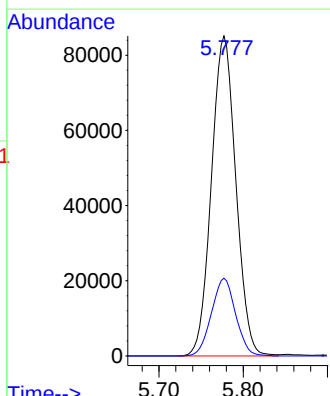
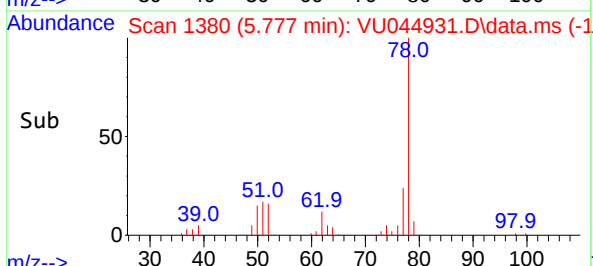
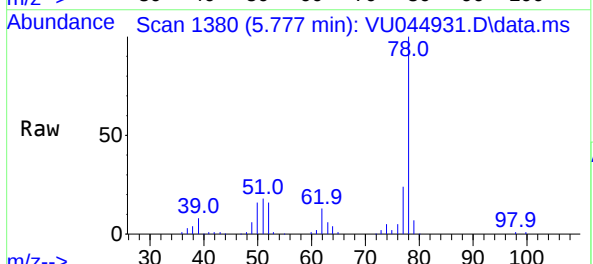
Manual Integrations
APPROVED

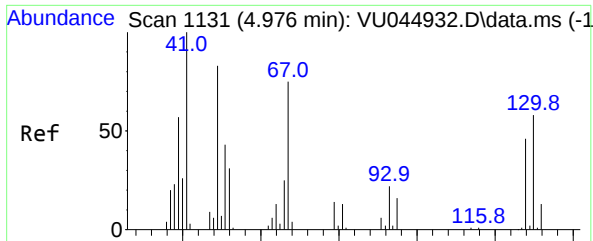
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#40
Benzene
Concen: 18.191 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

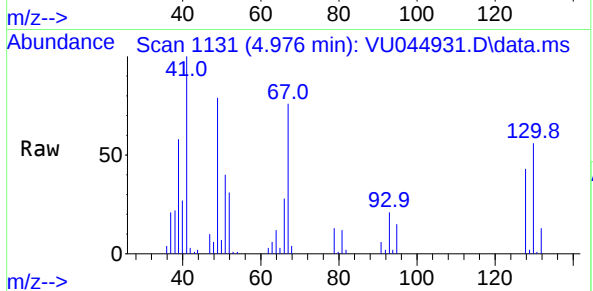
Tgt Ion: 78 Resp: 171135
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 17.562 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

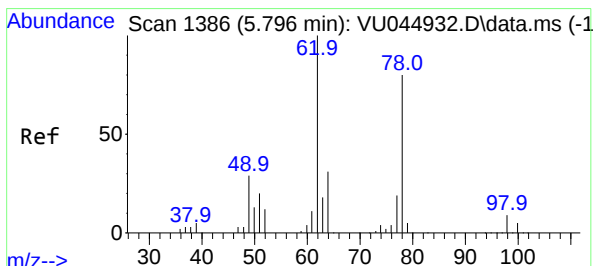
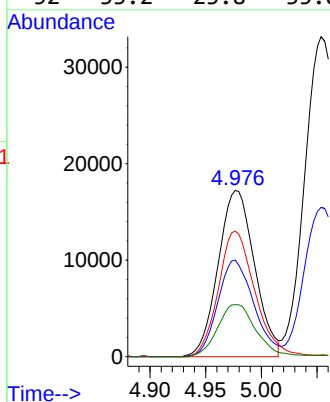
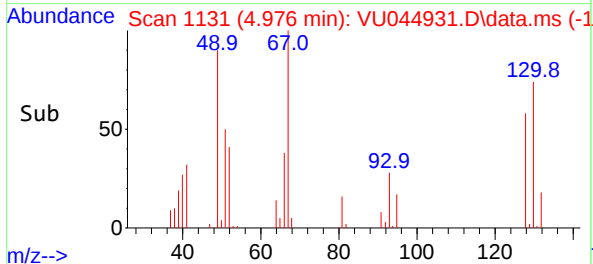
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 39234
Ion Ratio Lower Upper
41 100
39 57.8 44.4 66.6
67 76.2 58.1 87.1
52 33.2 23.8 35.8

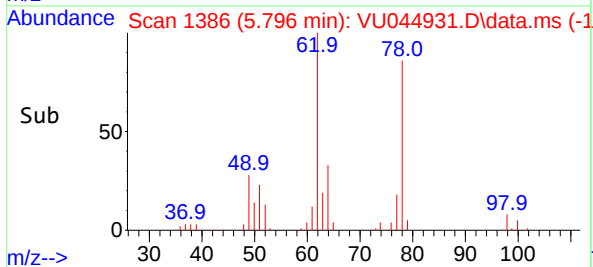
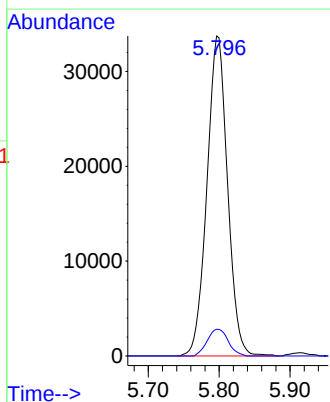
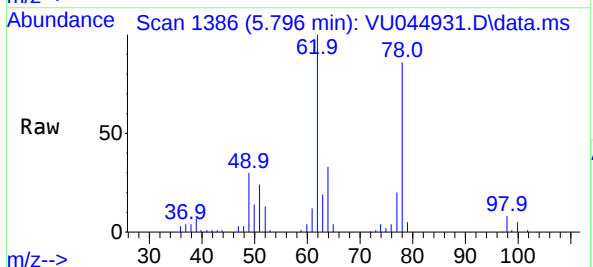
Manual Integrations
APPROVED

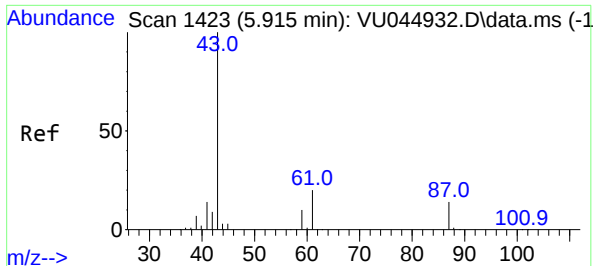
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 18.371 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

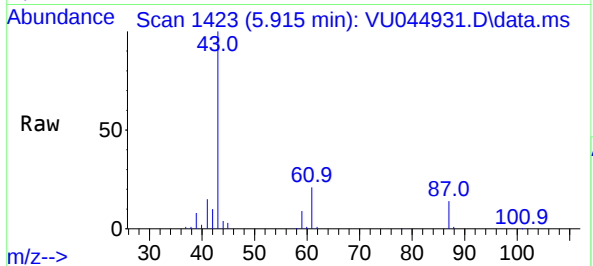
Tgt Ion: 62 Resp: 68137
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.8





#43
Isopropyl Acetate
Concen: 17.493 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

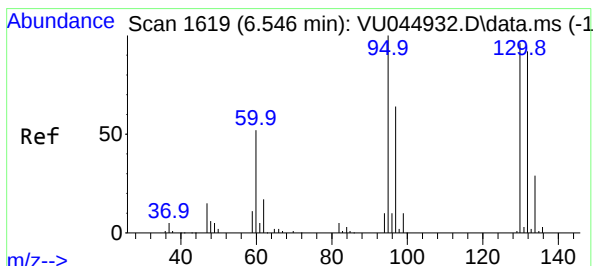
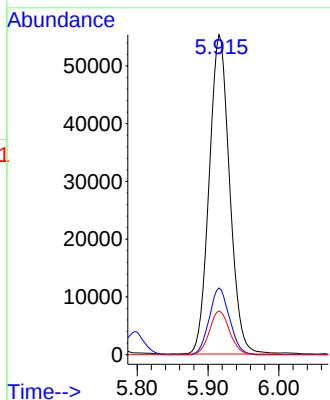
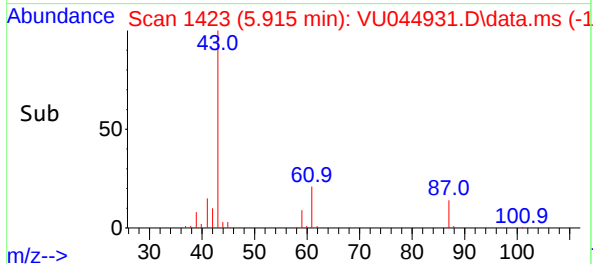
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 110619
Ion Ratio Lower Upper
43 100
61 20.7 16.1 24.1
87 13.5 10.3 15.5

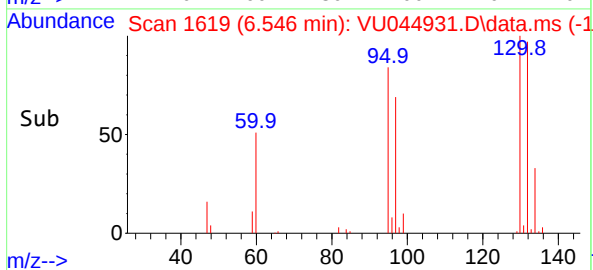
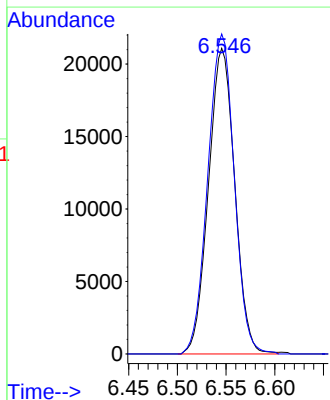
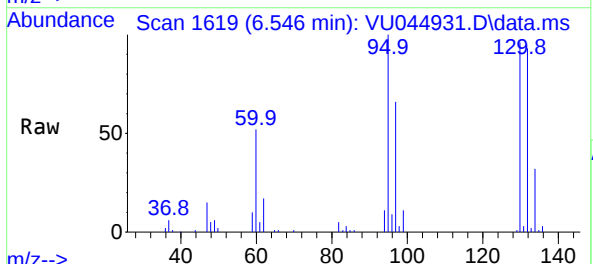
Manual Integrations
APPROVED

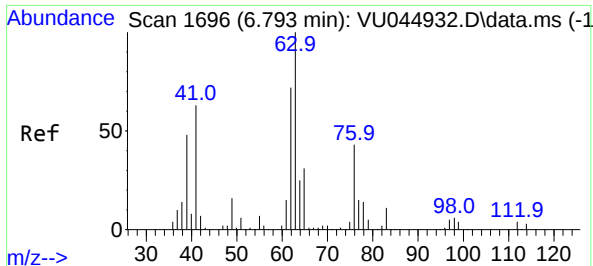
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#44
Trichloroethene
Concen: 17.468 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion:130 Resp: 39556
Ion Ratio Lower Upper
130 100
95 104.7 0.0 209.0





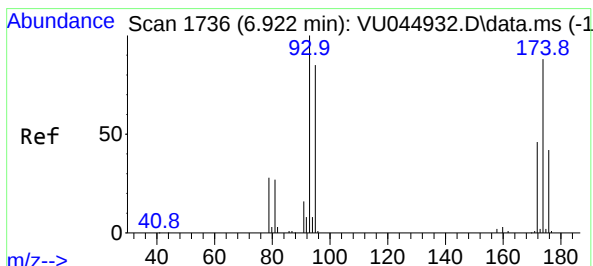
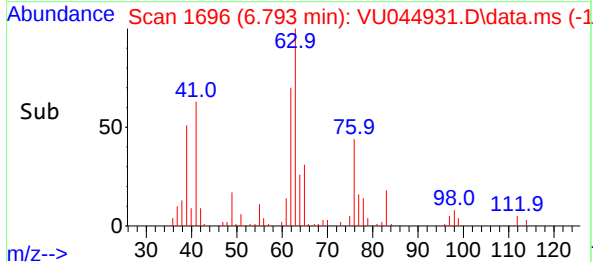
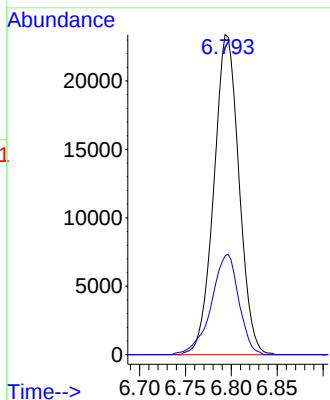
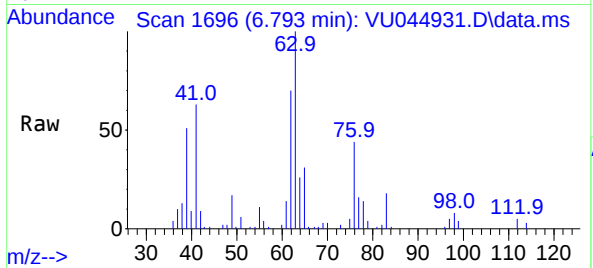
#45
1,2-Dichloropropane
Concen: 17.683 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 4456
Ion Ratio Lower Upper
63 100
65 30.8 23.9 35.9

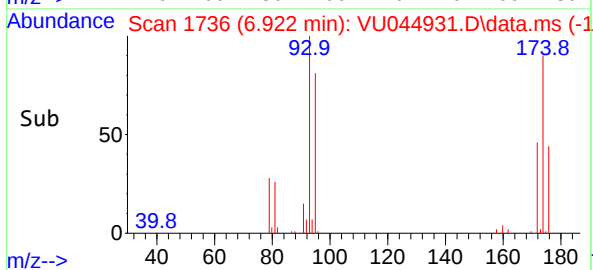
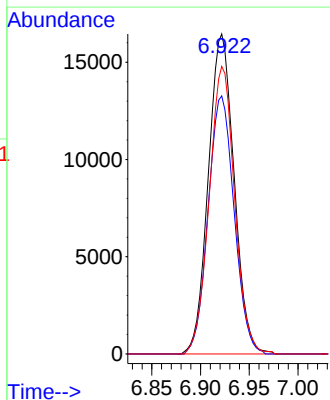
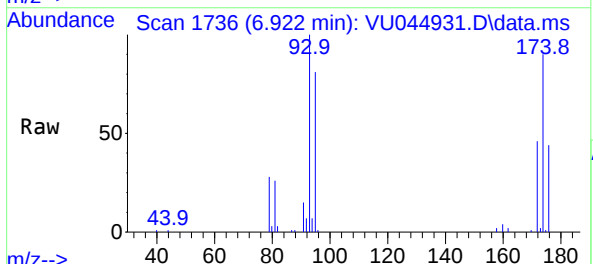
Manual Integrations
APPROVED

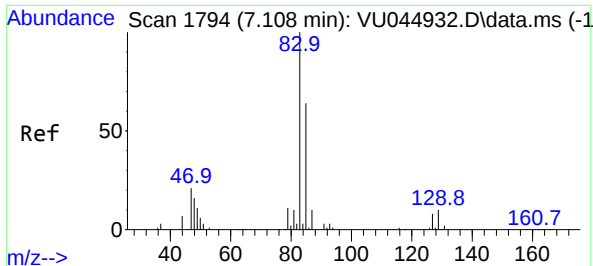
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#46
Dibromomethane
Concen: 17.948 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 93 Resp: 30247
Ion Ratio Lower Upper
93 100
95 81.4 65.6 98.4
174 88.6 70.7 106.1





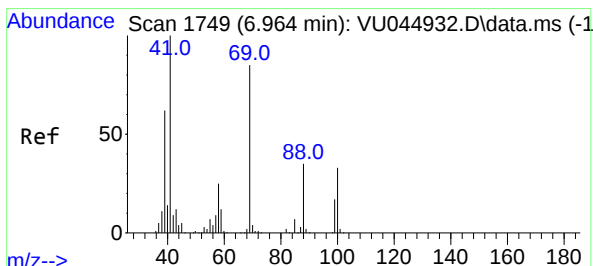
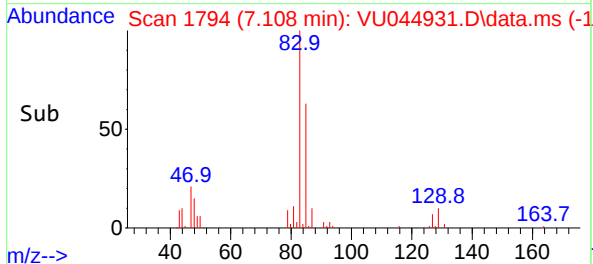
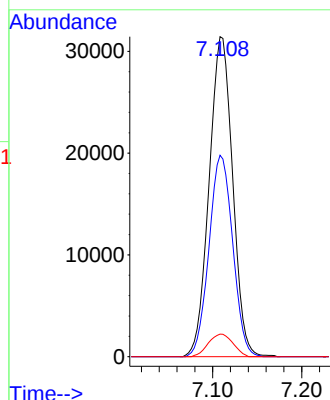
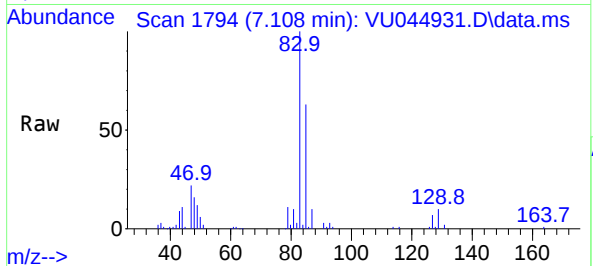
#47
Bromodichloromethane
Concen: 17.341 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 5753
Ion Ratio Lower Upper
83 100
85 63.0 51.6 77.4
127 7.1 6.2 9.4

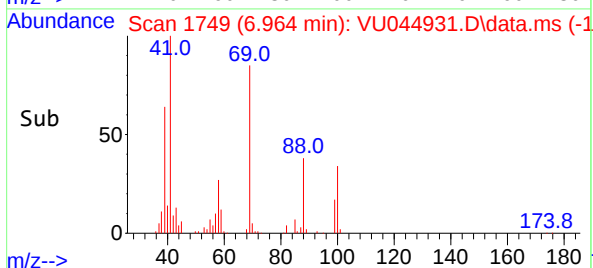
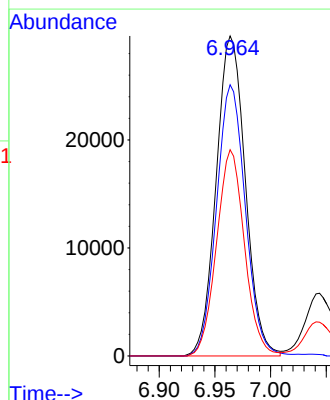
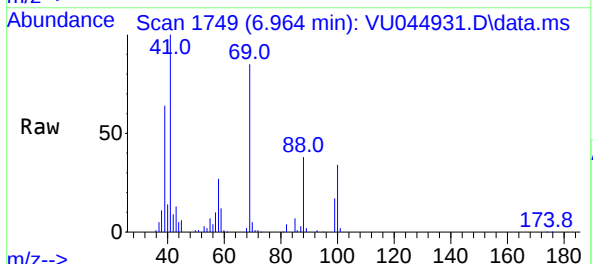
Manual Integrations
APPROVED

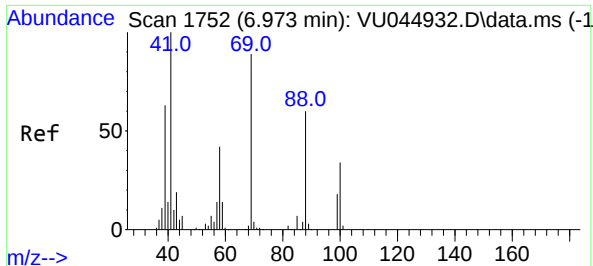
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 18.075 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

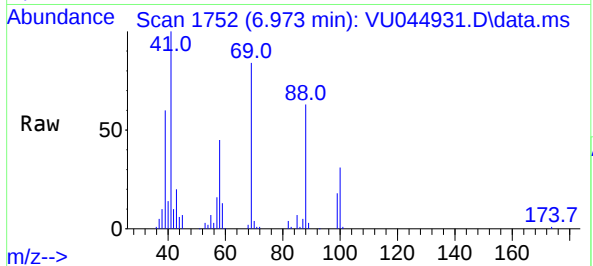
Tgt Ion: 41 Resp: 53945
Ion Ratio Lower Upper
41 100
69 84.0 65.6 98.4
39 61.8 46.2 69.4





#49
1,4-Dioxane
Concen: 390.040 ug/l
RT: 6.973 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

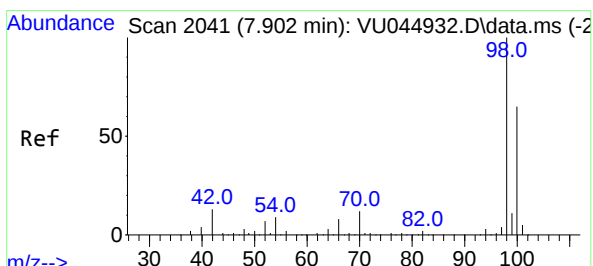
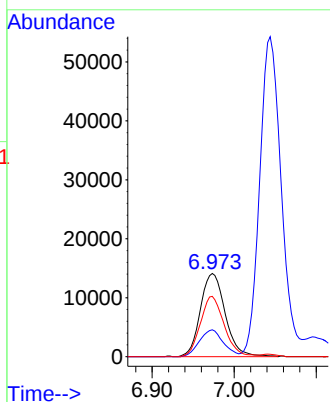
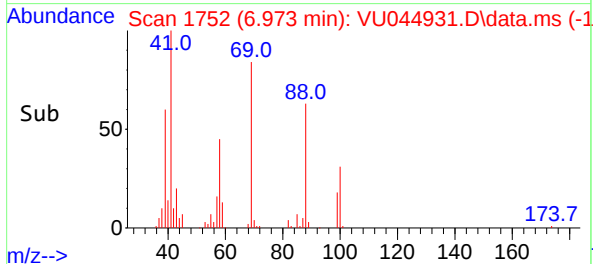
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 29692
Ion Ratio Lower Upper
88 100
43 31.2 25.8 38.6
58 69.7 61.3 91.9

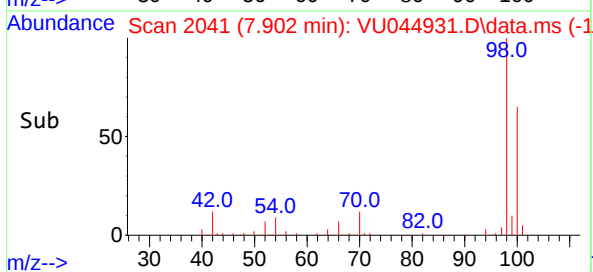
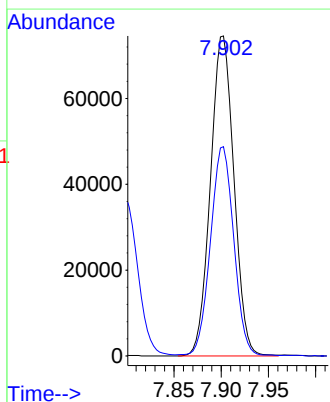
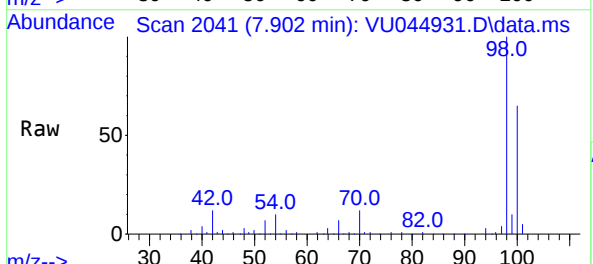
Manual Integrations
APPROVED

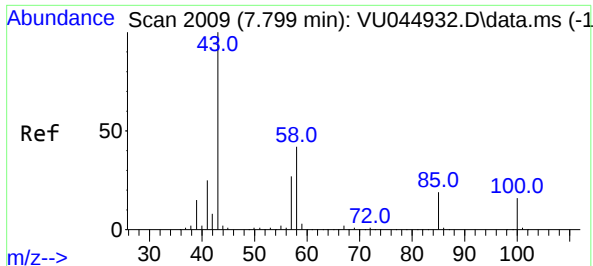
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 17.346 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 98 Resp: 128748
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 91.338 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 41332

Ion Ratio Lower Upper

43 100

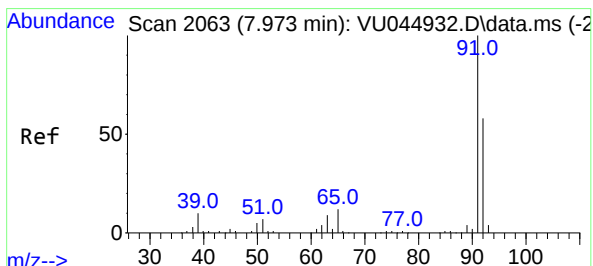
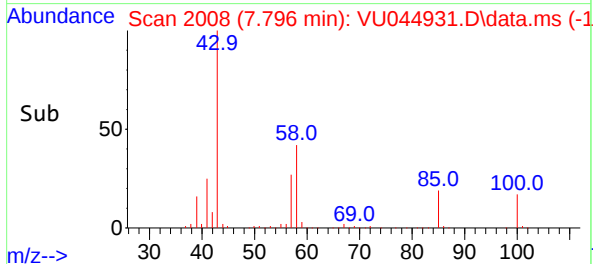
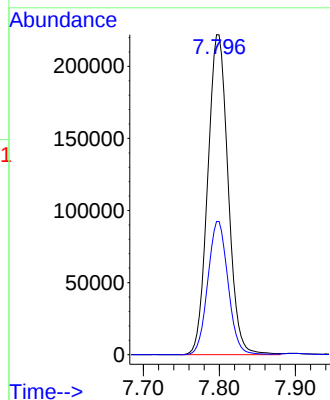
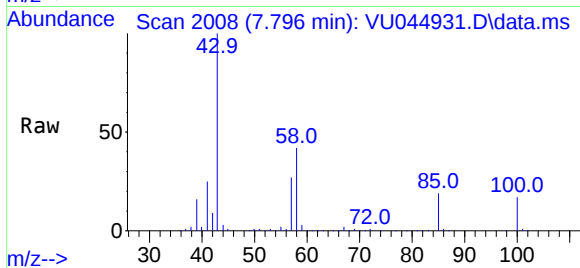
58 41.3 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#52

Toluene

Concen: 18.392 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044931.D

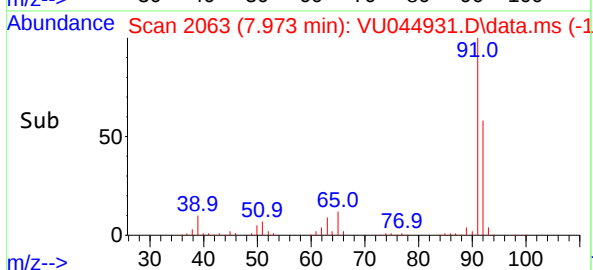
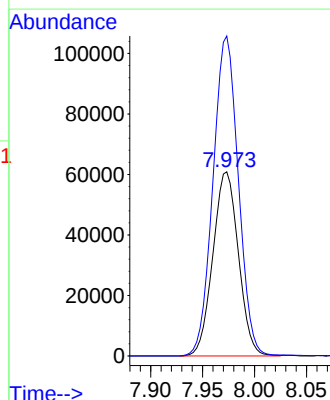
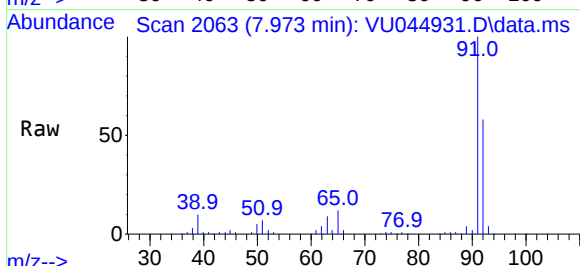
Acq: 28 Sep 2021 11:00

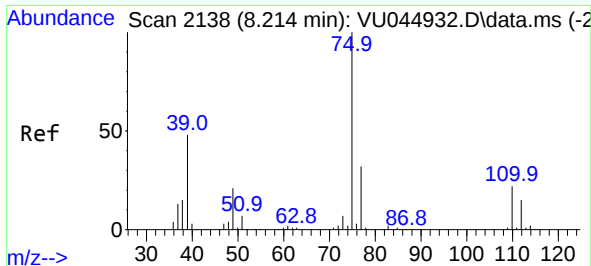
Tgt Ion: 92 Resp: 103980

Ion Ratio Lower Upper

92 100

91 173.0 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 18.410 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

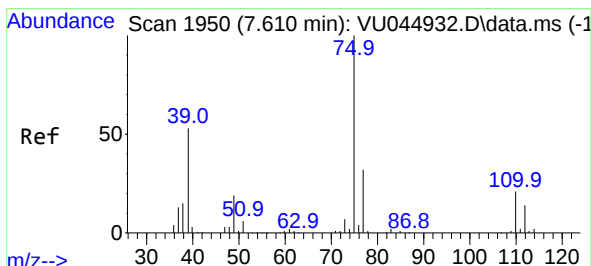
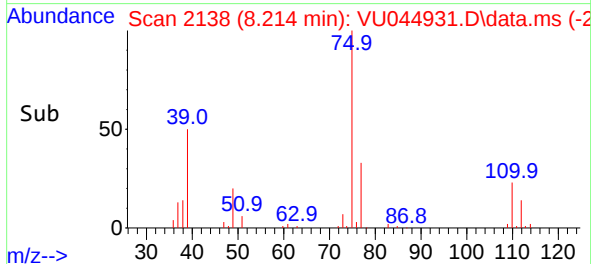
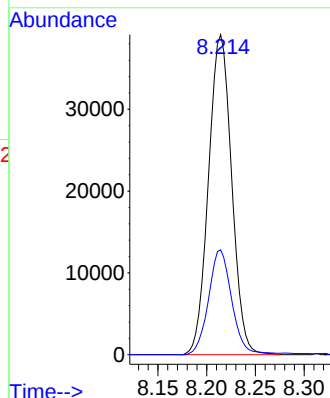
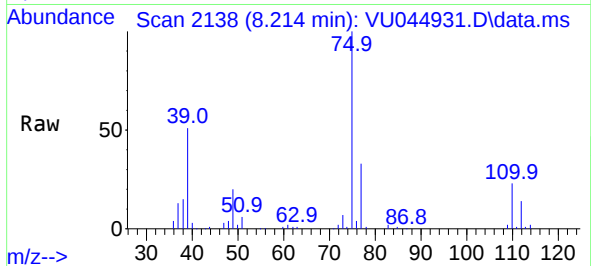
VSTDICC020

Tgt Ion: 75 Resp: 6459
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4

Manual Integrations

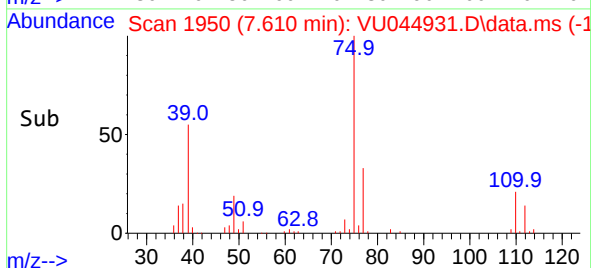
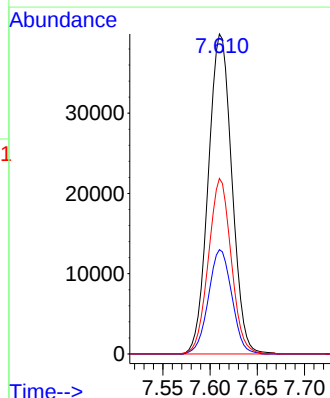
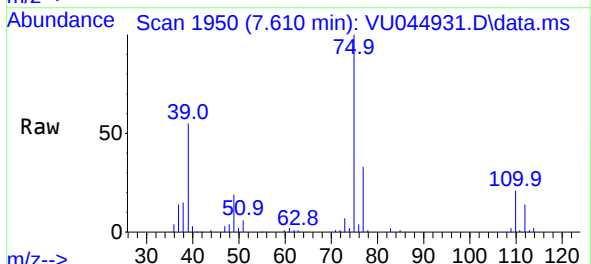
APPROVED

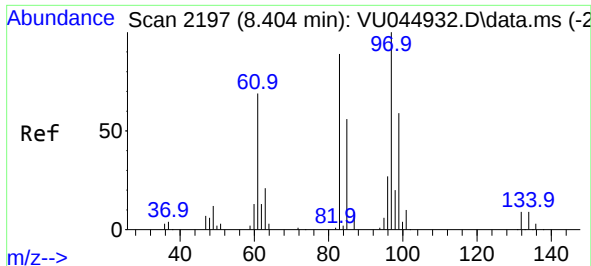
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#54
cis-1,3-Dichloropropene
Concen: 18.372 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

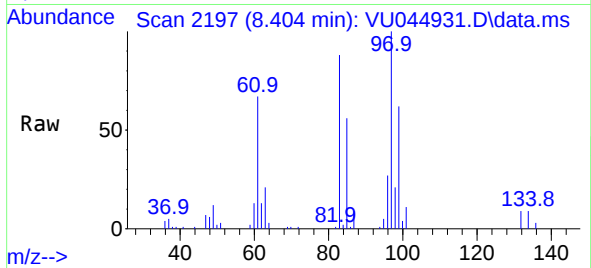
Tgt Ion: 75 Resp: 69234
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 54.9 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 18.093 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

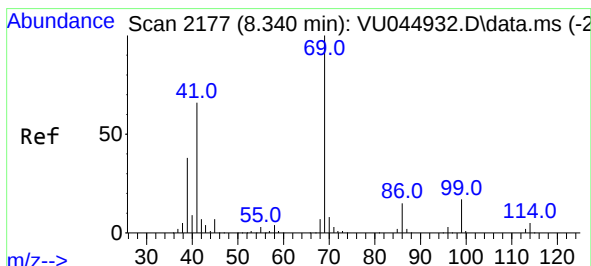
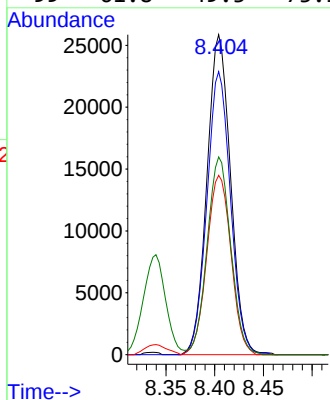
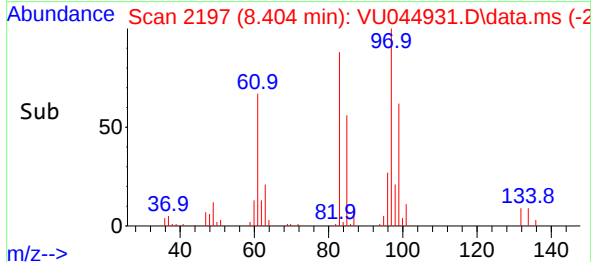


Tgt Ion: 97 Resp: 4364

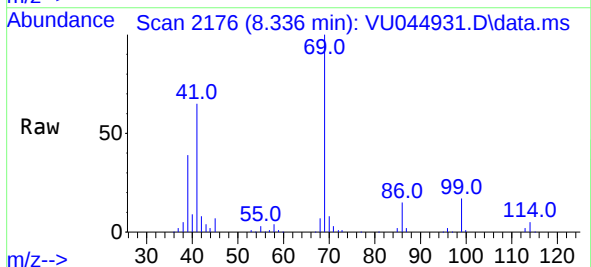
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.7	104.5
85	56.0	44.8	67.2
99	61.8	49.3	73.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

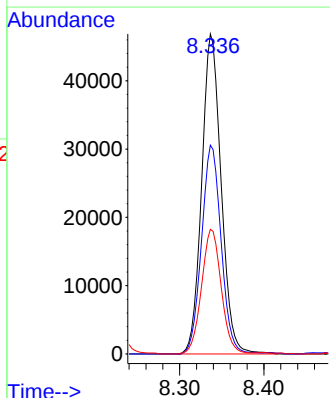
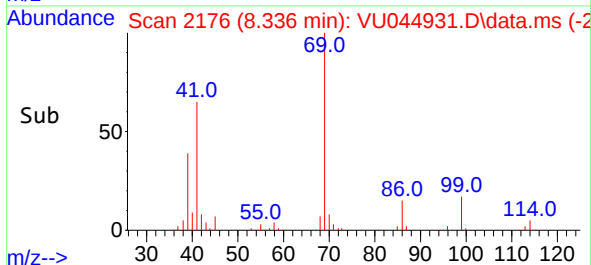


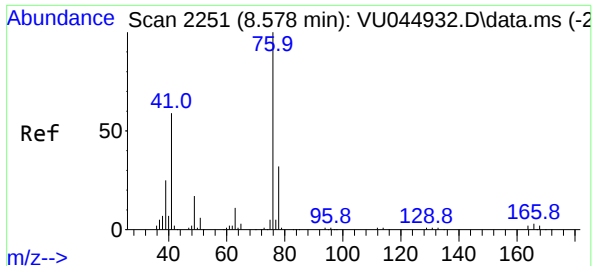
#56
Ethyl methacrylate
Concen: 19.444 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



Tgt Ion: 69 Resp: 75298

Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.5	80.3
39	39.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 18.170 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 77990

Ion Ratio Lower Upper

76 100

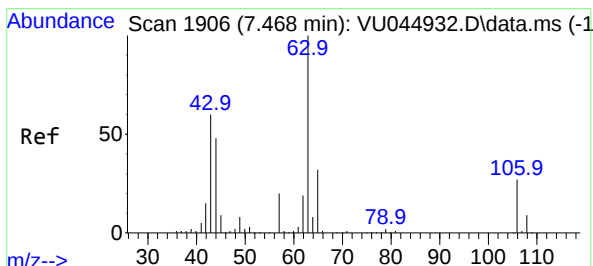
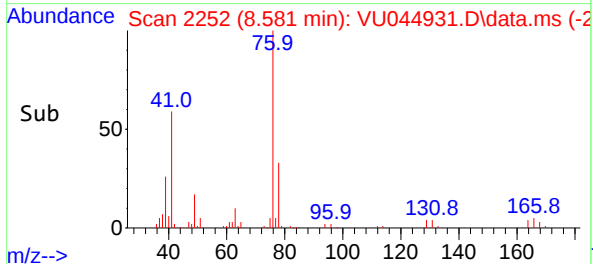
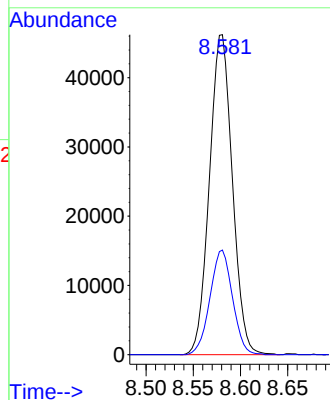
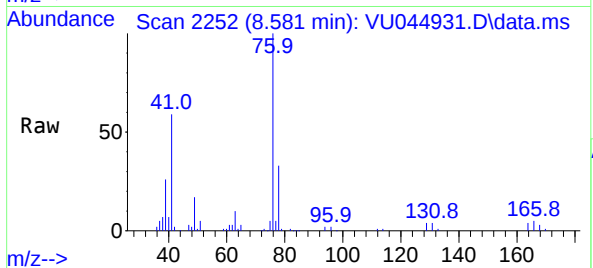
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 105.472 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VU044931.D

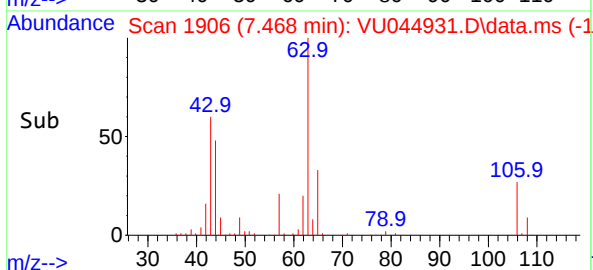
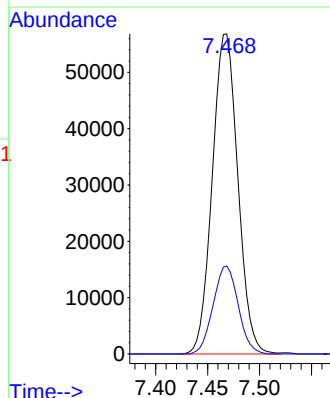
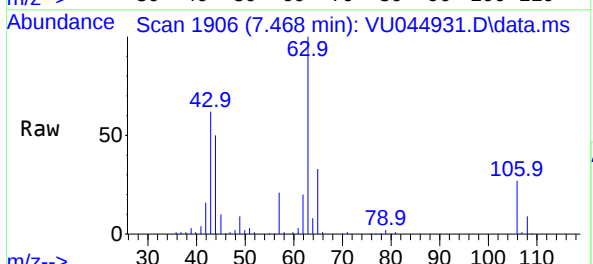
Acq: 28 Sep 2021 11:00

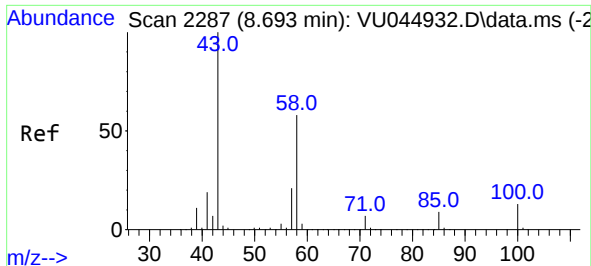
Tgt Ion: 63 Resp: 97161

Ion Ratio Lower Upper

63 100

106 26.9 20.5 30.7





#59

2-Hexanone

Concen: 94.254 ug/l

RT: 8.690 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 344920

Ion Ratio Lower Upper

43 100

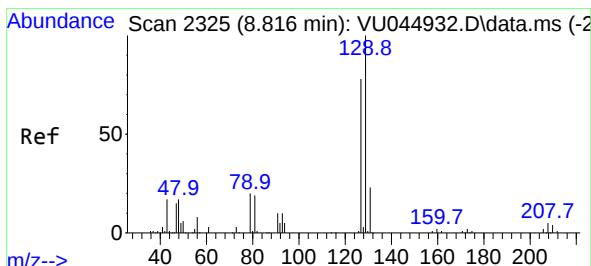
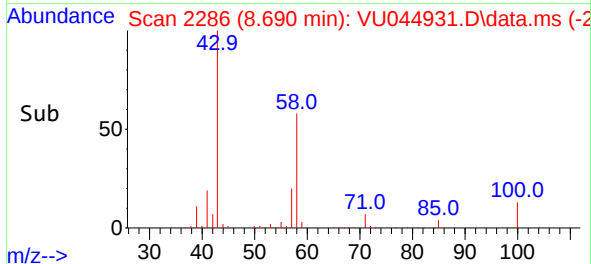
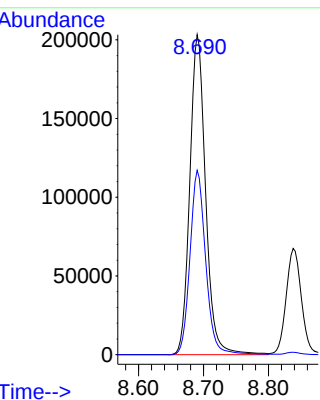
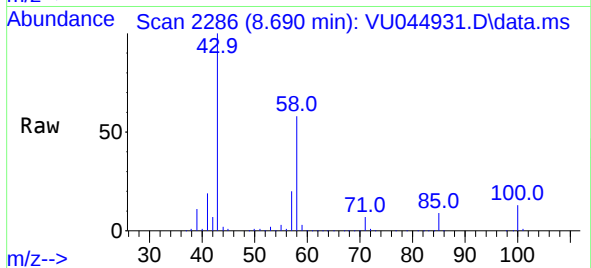
58 57.3 28.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#60

Dibromochloromethane

Concen: 17.453 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.003 min

Lab File: VU044931.D

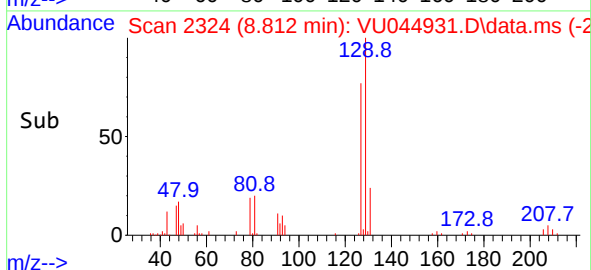
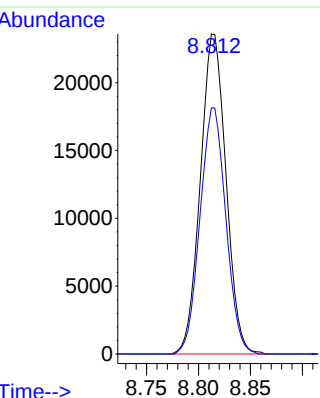
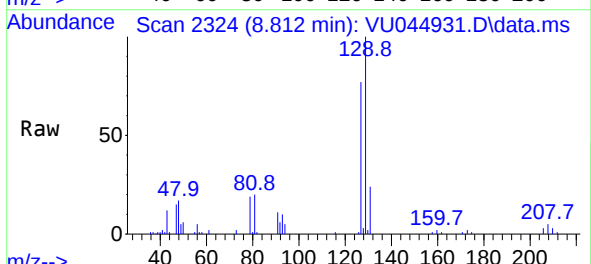
Acq: 28 Sep 2021 11:00

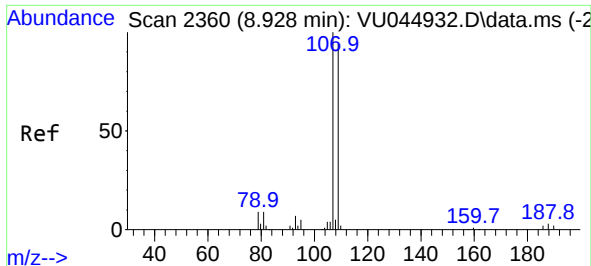
Tgt Ion:129 Resp: 40447

Ion Ratio Lower Upper

129 100

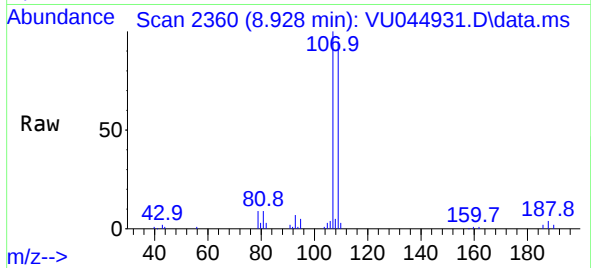
127 77.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 18.249 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

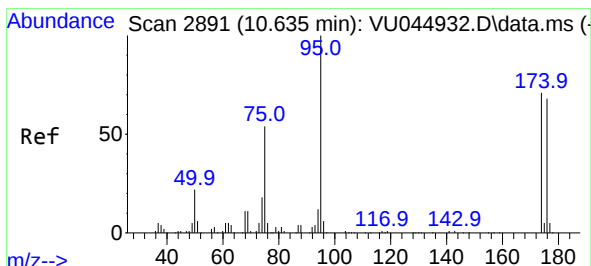
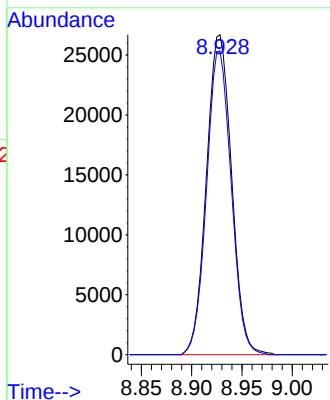
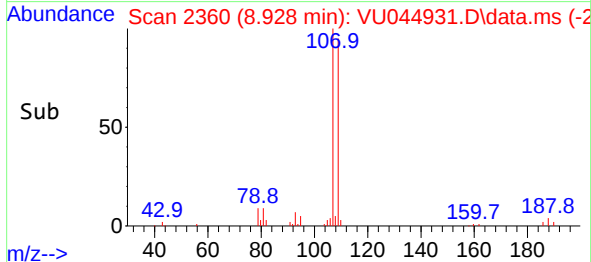
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



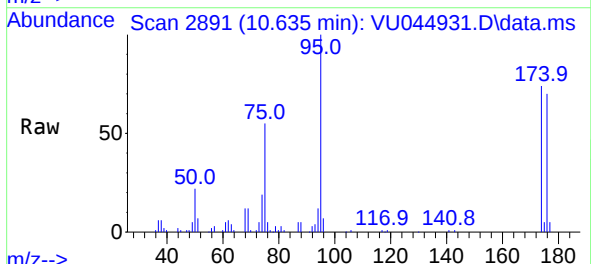
Tgt Ion:107 Resp: 46435
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2

Manual Integrations
APPROVED

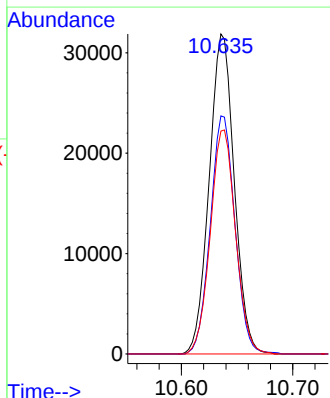
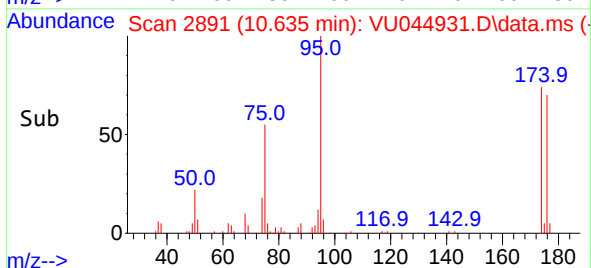
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

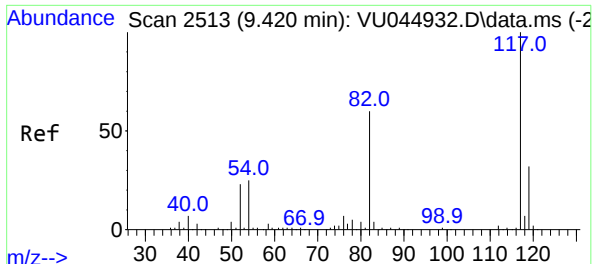


#62
4-Bromofluorobenzene
Concen: 17.610 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



Tgt Ion: 95 Resp: 49853
Ion Ratio Lower Upper
95 100
174 73.1 0.0 146.6
176 70.5 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

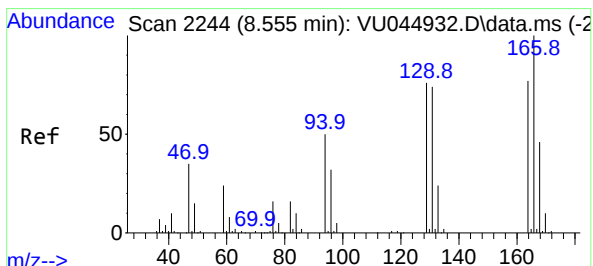
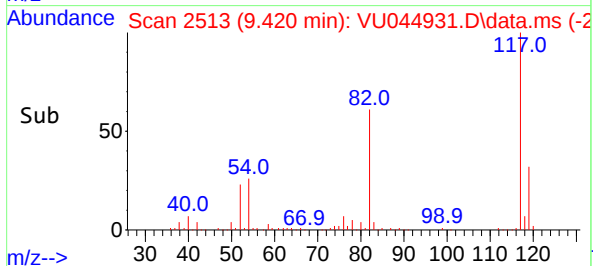
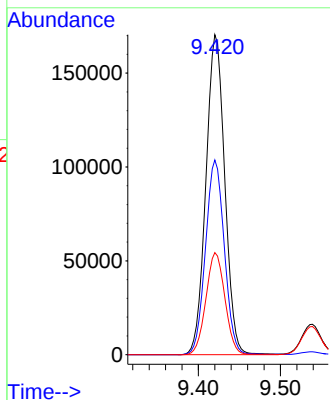
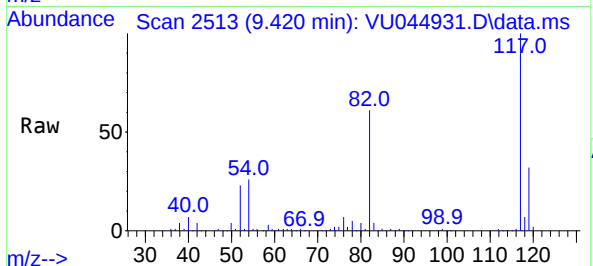
VSTDIC020

Tgt Ion:117 Resp: 27230
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 31.9 25.8 38.6

Manual Integrations

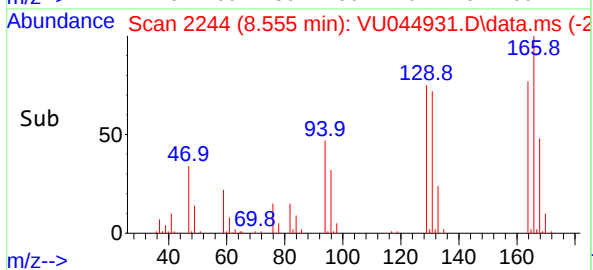
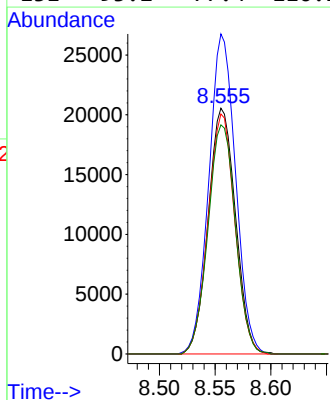
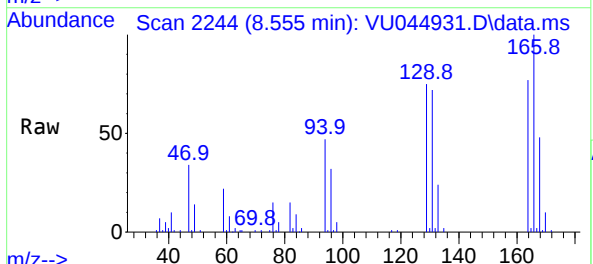
APPROVED

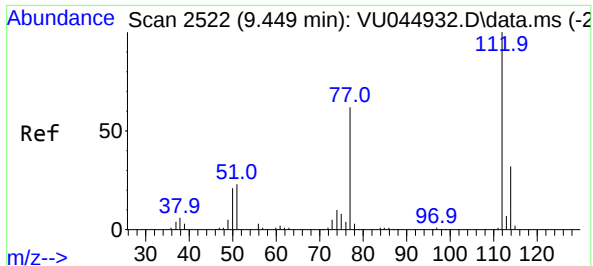
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#64
Tetrachloroethene
Concen: 19.082 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

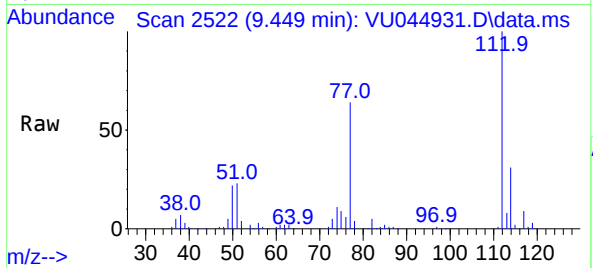
Tgt Ion:164 Resp: 35038
Ion Ratio Lower Upper
164 100
166 130.2 102.8 154.2
129 97.6 79.4 119.2
131 93.2 77.4 116.2





#65
Chlorobenzene
Concen: 18.844 ug/l
RT: 9.449 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

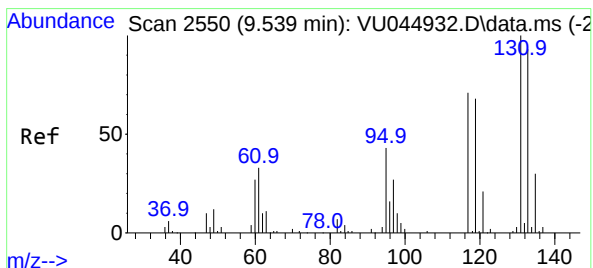
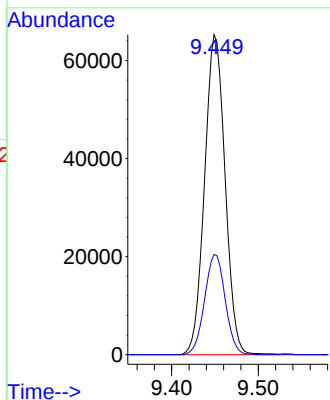
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 107419
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9

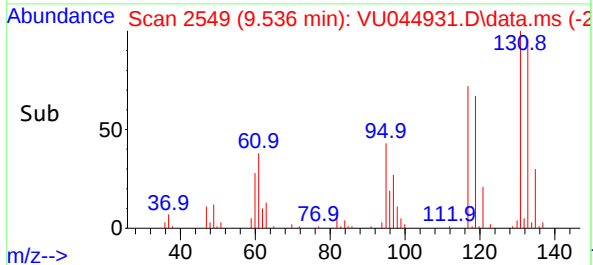
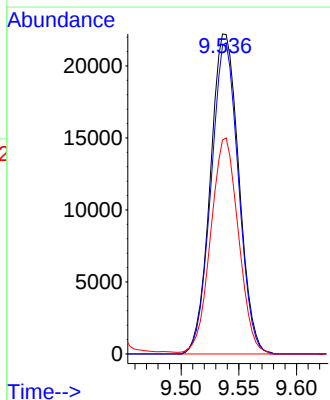
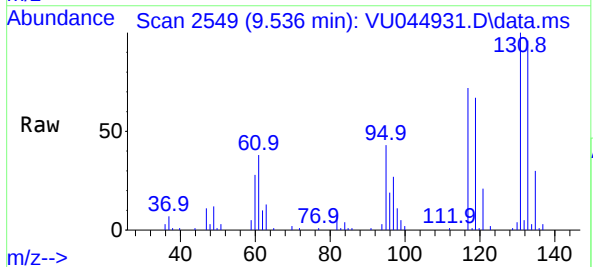
Manual Integrations
APPROVED

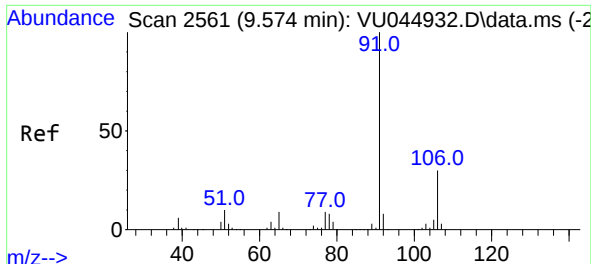
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 18.718 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion:131 Resp: 38032
Ion Ratio Lower Upper
131 100
133 93.9 48.1 144.3
119 66.0 34.1 102.3





#67

Ethyl Benzene

Concen: 19.500 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 19896

Ion Ratio Lower Upper

91 100

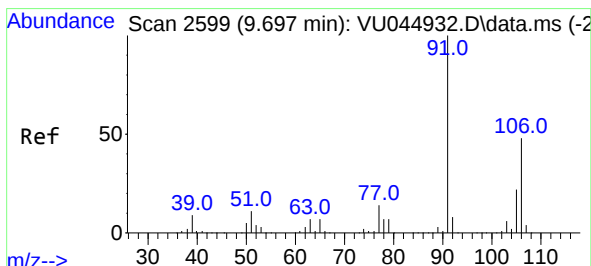
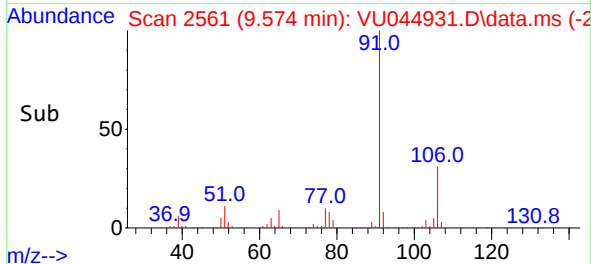
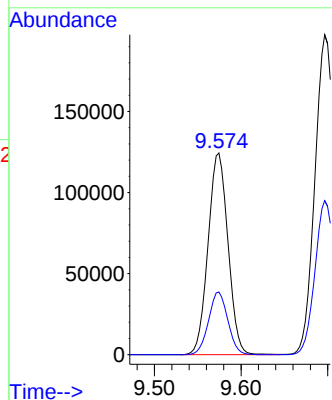
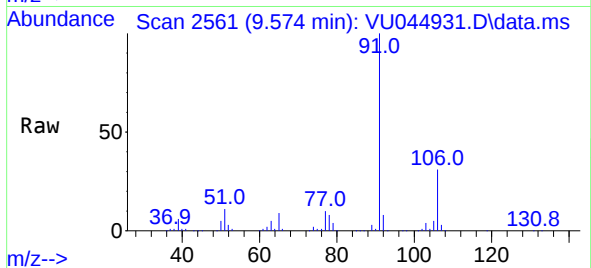
106 31.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#68

m/p-Xylenes

Concen: 39.696 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU044931.D

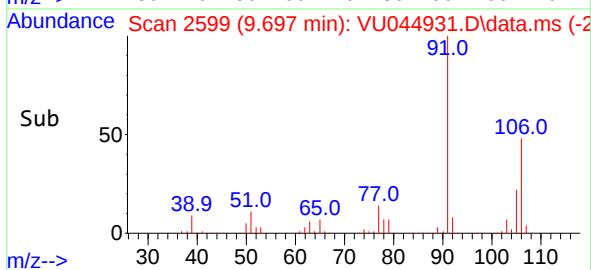
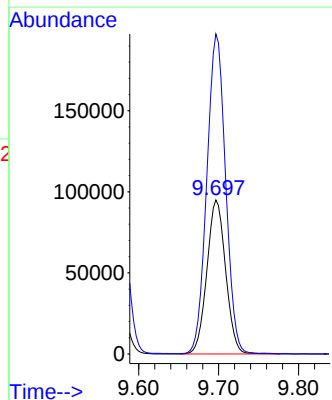
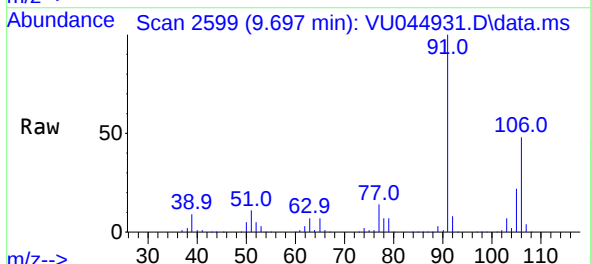
Acq: 28 Sep 2021 11:00

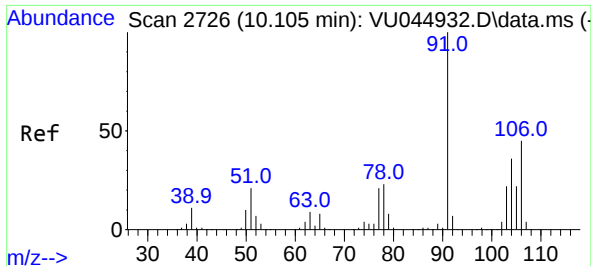
Tgt Ion:106 Resp: 154749

Ion Ratio Lower Upper

106 100

91 207.5 164.2 246.2





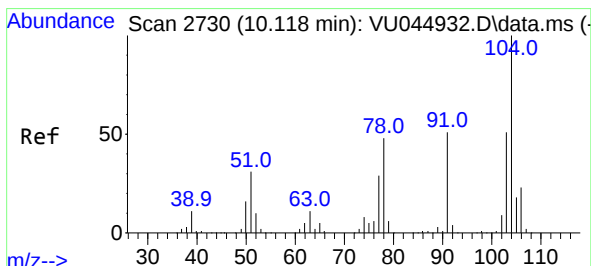
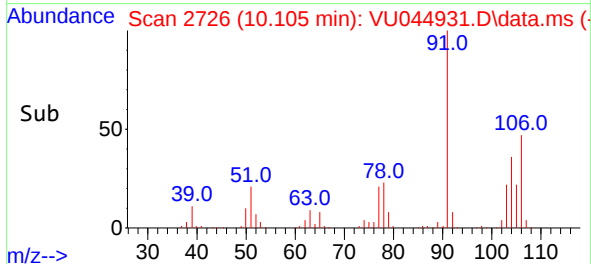
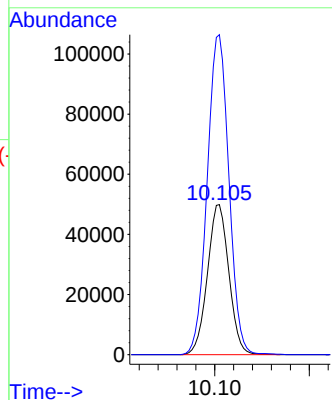
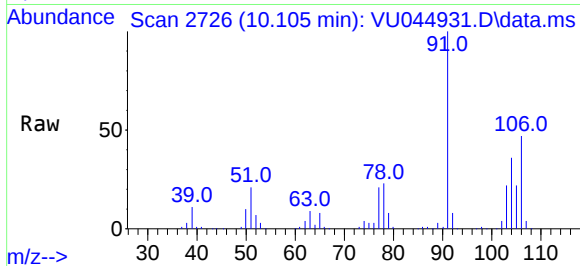
#69
o-Xylene
Concen: 20.694 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 78500
Ion Ratio Lower Upper
106 100
91 215.9 108.9 326.7

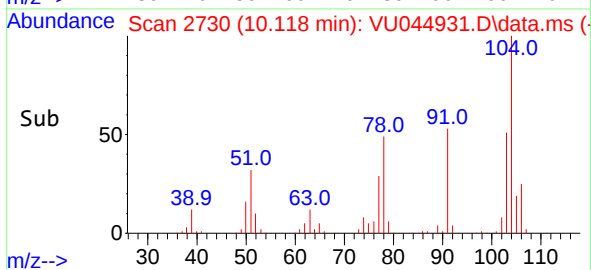
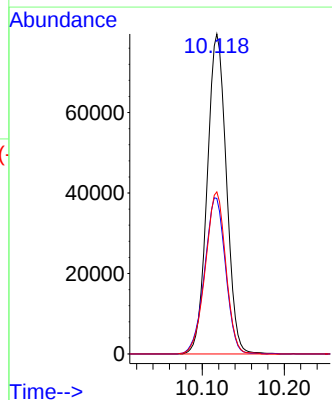
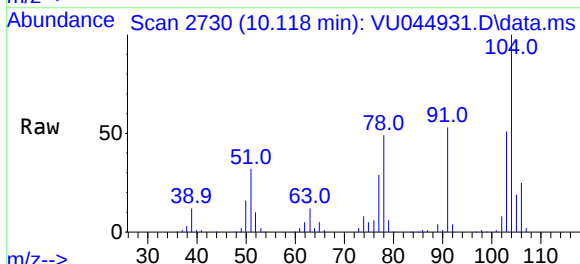
Manual Integrations
APPROVED

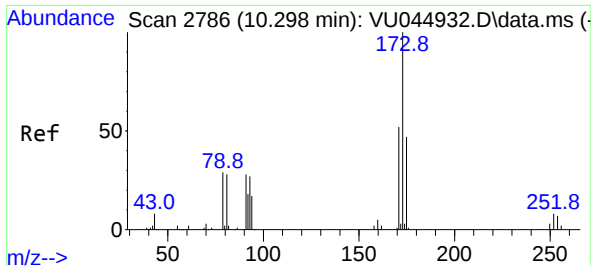
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 20.243 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion:104 Resp: 129203
Ion Ratio Lower Upper
104 100
78 53.2 41.4 62.0
103 54.1 43.5 65.3





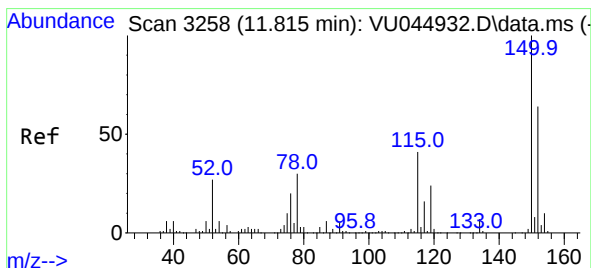
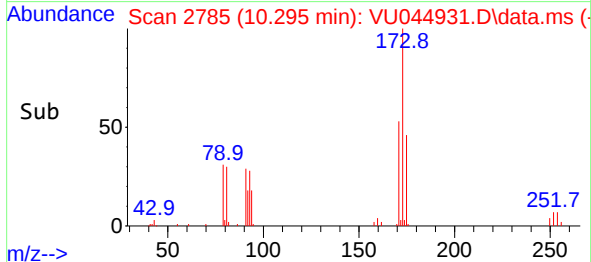
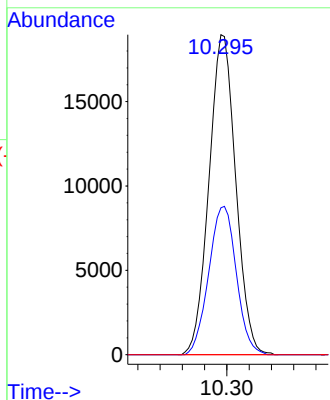
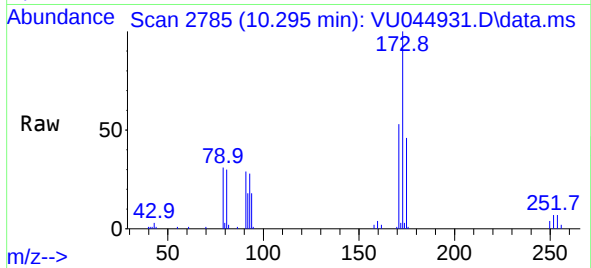
#71
Bromoform
Concen: 18.529 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 31620
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.0 0.0

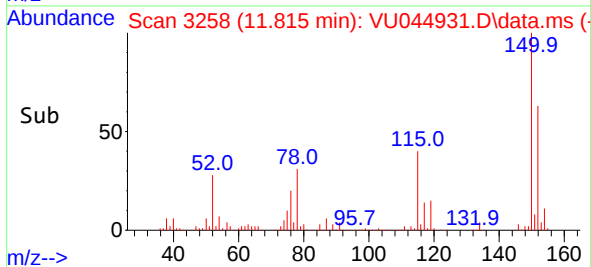
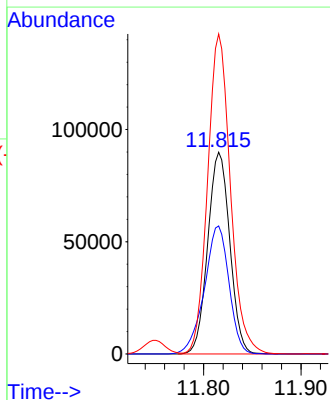
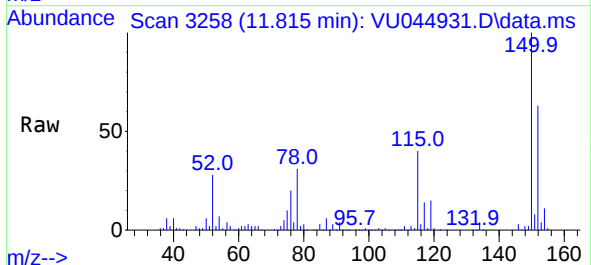
Manual Integrations
APPROVED

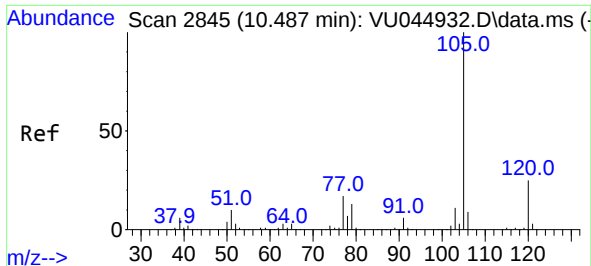
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion:152 Resp: 141323
Ion Ratio Lower Upper
152 100
115 70.8 43.5 130.7
150 163.9 0.0 350.0





#73
Isopropylbenzene
Concen: 20.065 ug/l
RT: 10.488 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

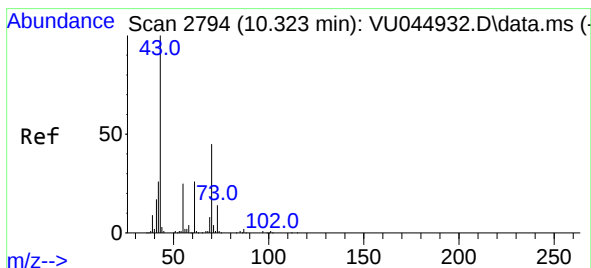
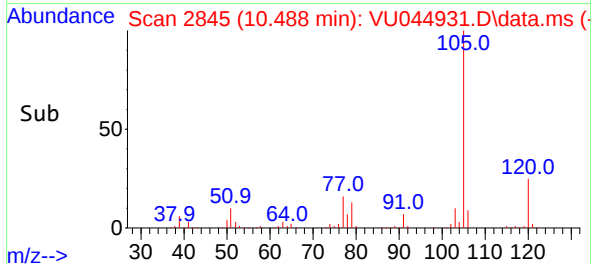
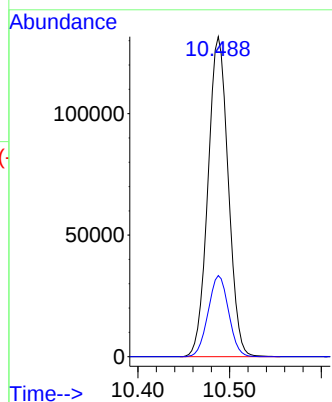
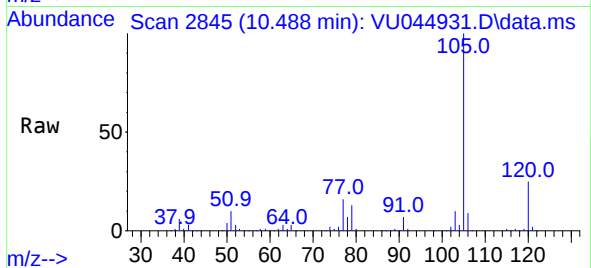
VSTDICC020

Tgt Ion:105 Resp: 20208
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3

Manual Integrations

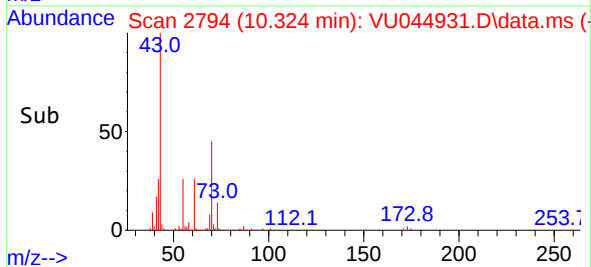
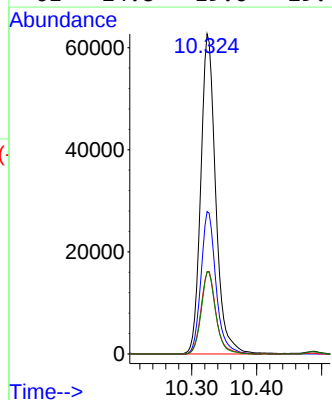
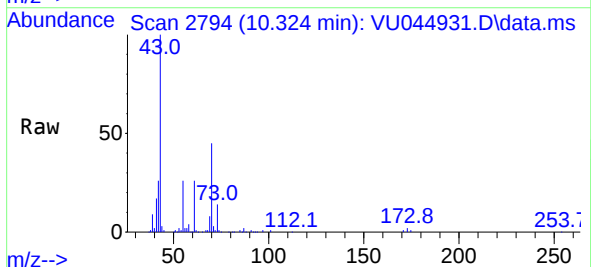
APPROVED

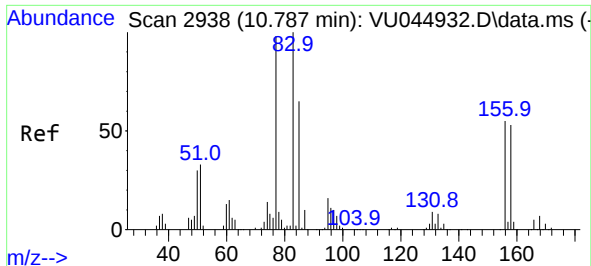
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 19.497 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 43 Resp: 100490
Ion Ratio Lower Upper
43 100
70 44.7 35.1 52.7
55 25.9 20.5 30.7
61 24.8 19.6 29.4





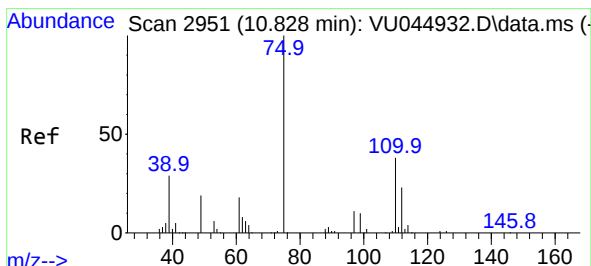
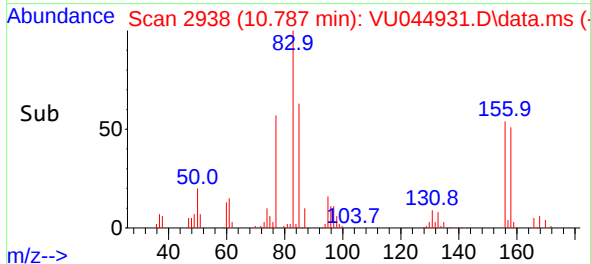
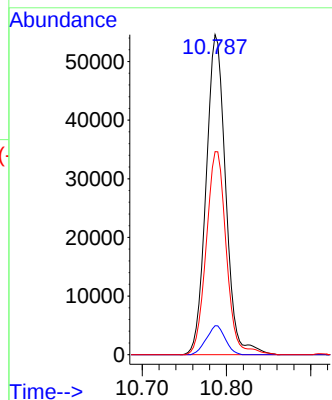
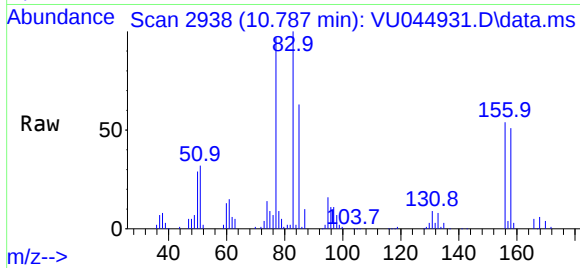
#75
1,1,2,2-Tetrachloroethane
Concen: 19.056 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 88215
Ion Ratio Lower Upper
83 100
131 8.7 4.3 13.1
85 65.1 31.9 95.5

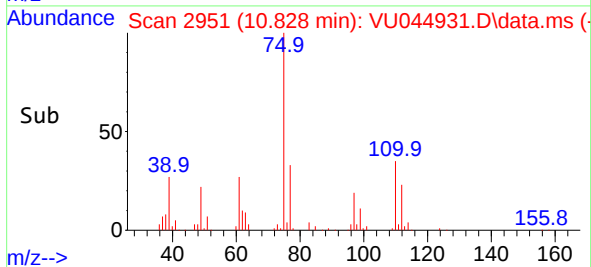
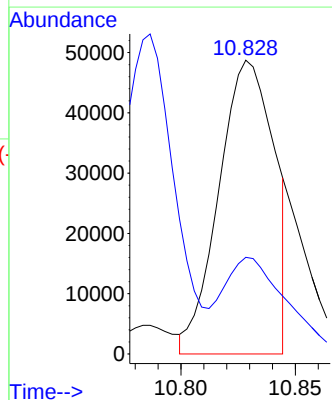
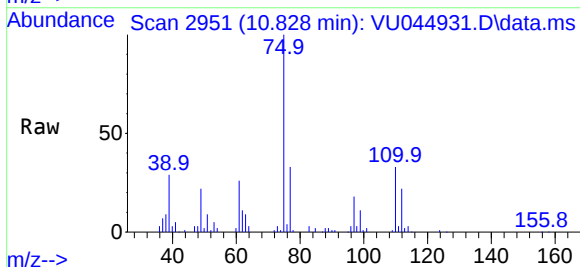
Manual Integrations
APPROVED

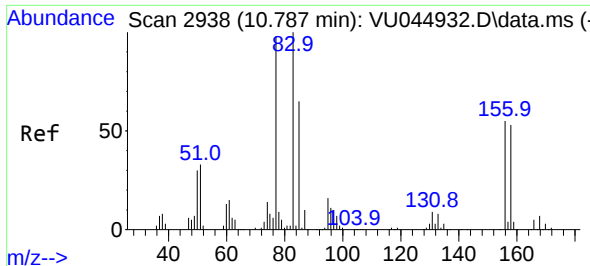
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#76
1,2,3-Trichloropropane
Concen: 18.936 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

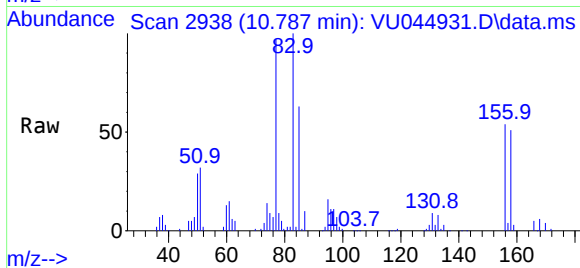
Tgt Ion: 75 Resp: 81747
Ion Ratio Lower Upper
75 100
77 38.0 17.9 53.7





#77
Bromobenzene
Concen: 19.615 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

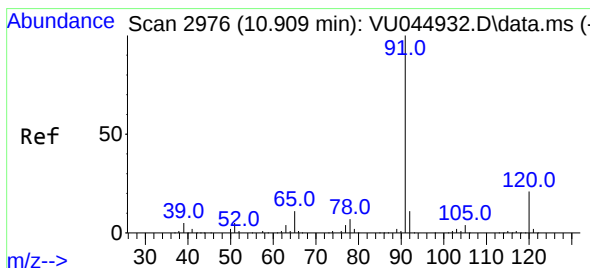
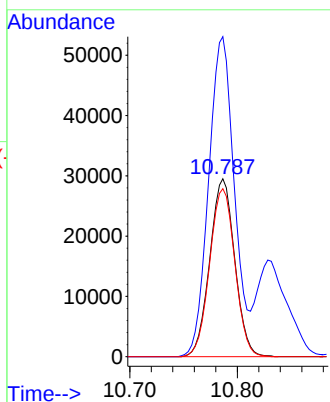
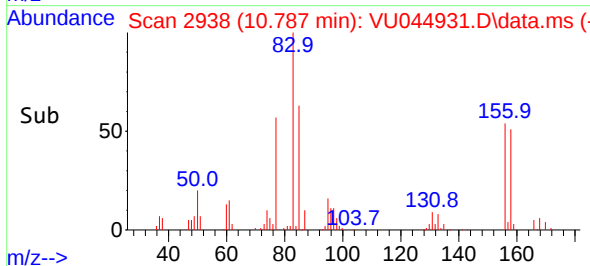
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



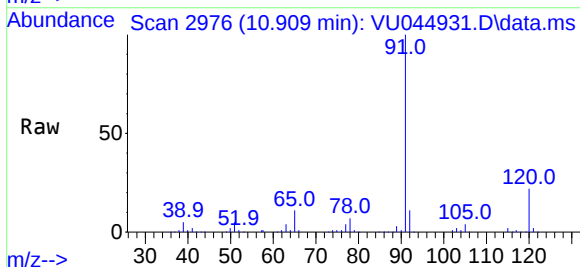
Tgt Ion:156 Resp: 47554
Ion Ratio Lower Upper
156 100
77 185.5 91.1 273.4
158 95.4 48.2 144.6

Manual Integrations
APPROVED

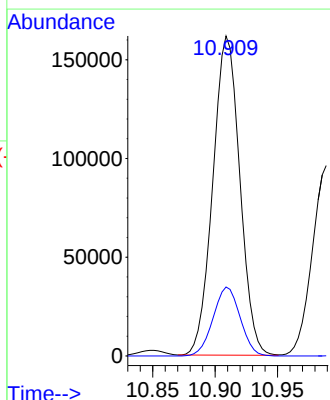
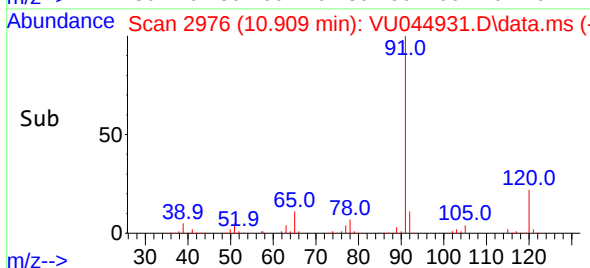
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

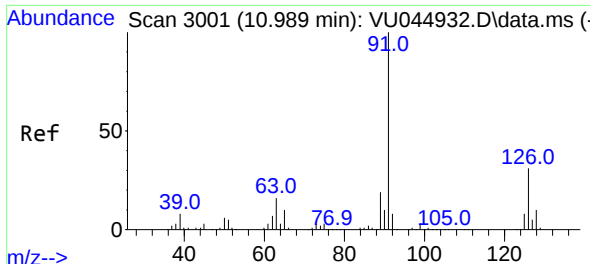


#78
n-propylbenzene
Concen: 19.885 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



Tgt Ion: 91 Resp: 243524
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





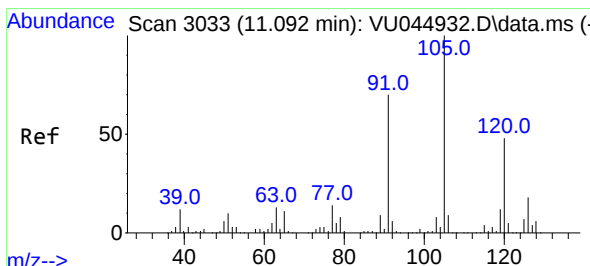
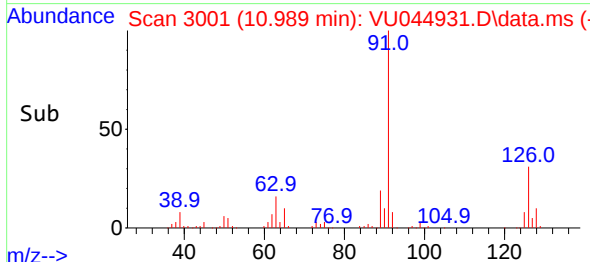
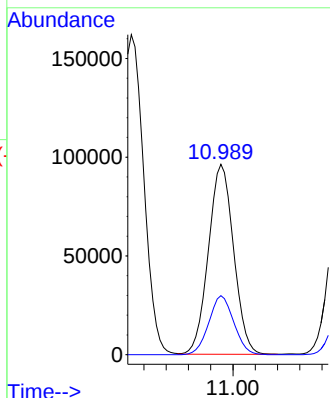
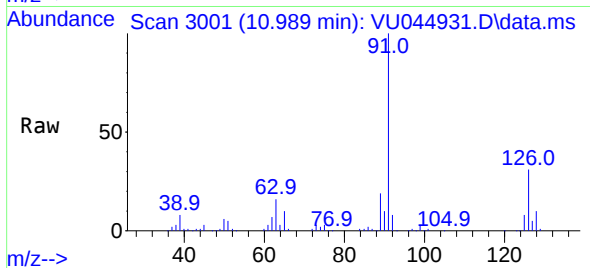
#79
2-Chlorotoluene
Concen: 20.173 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 151110
Ion Ratio Lower Upper
91 100
126 30.7 15.7 47.0

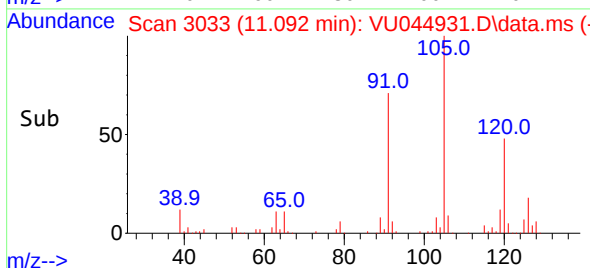
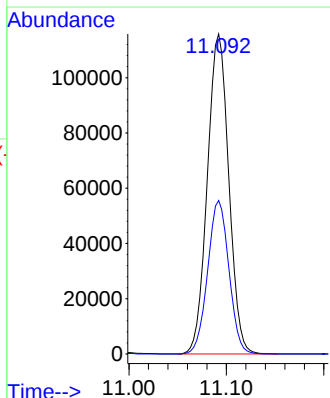
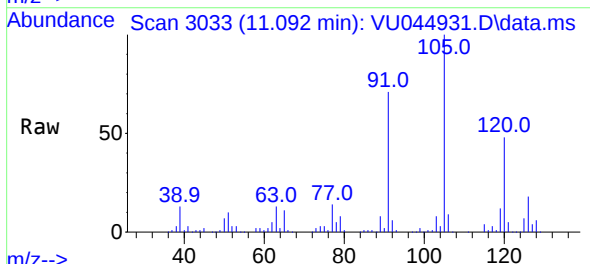
Manual Integrations
APPROVED

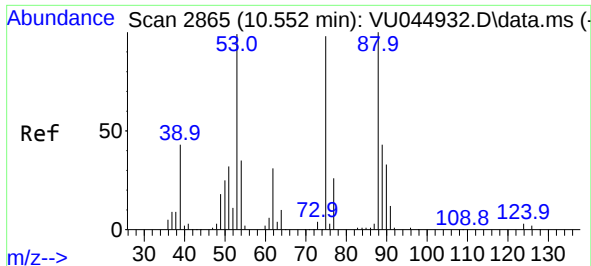
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.626 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion:105 Resp: 177091
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.2





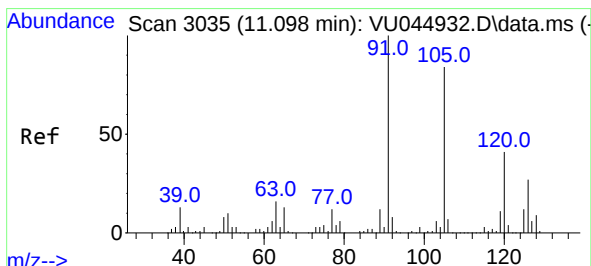
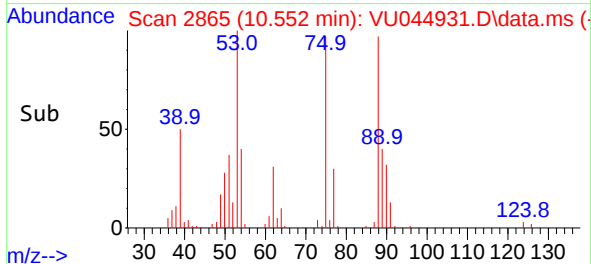
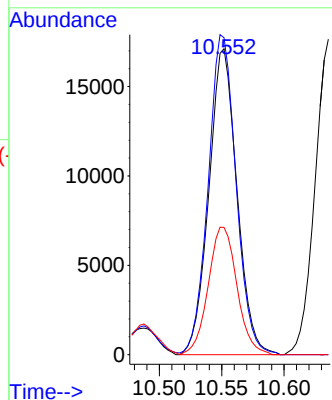
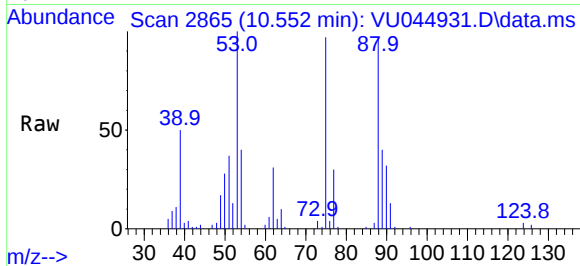
#81
trans-1,4-Dichloro-2-butene
Concen: 19.646 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2684
Ion Ratio Lower Upper
75 100
53 103.7 82.0 123.0
89 42.7 34.2 51.4

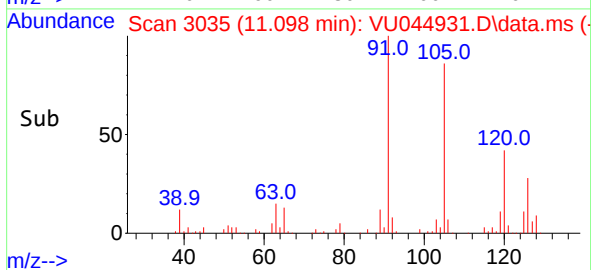
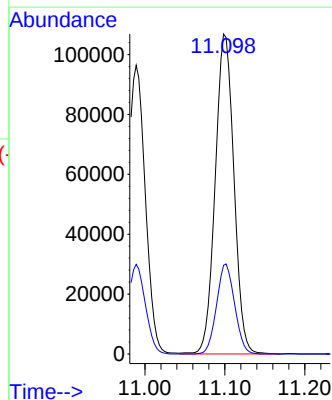
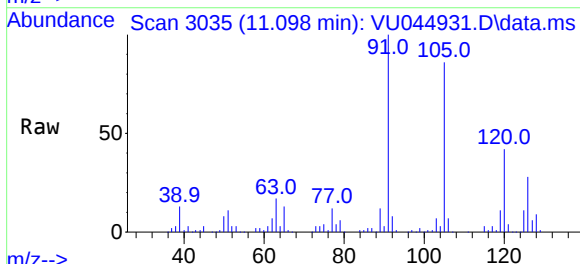
Manual Integrations
APPROVED

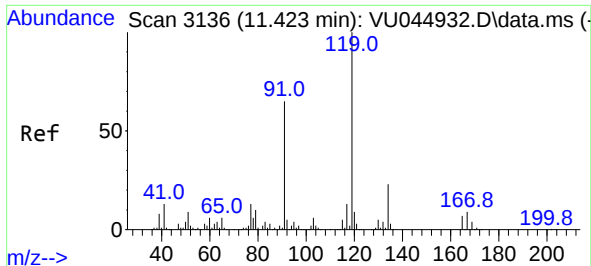
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#82
4-Chlorotoluene
Concen: 20.299 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

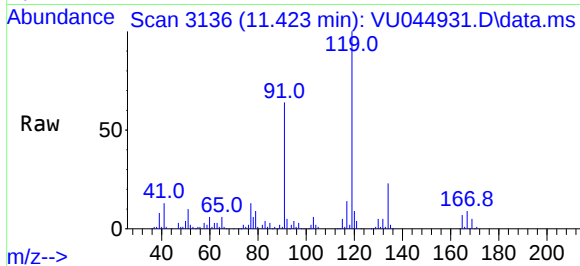
Tgt Ion: 91 Resp: 173286
Ion Ratio Lower Upper
91 100
126 27.0 13.8 41.4





#83
tert-Butylbenzene
Concen: 20.560 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

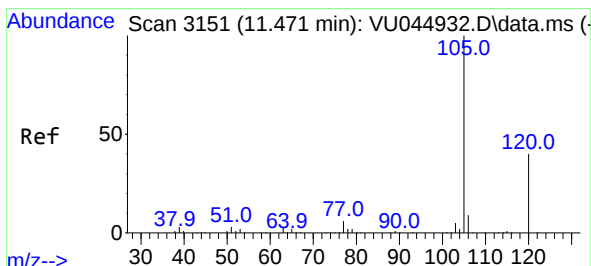
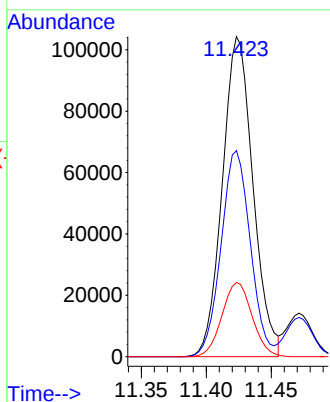
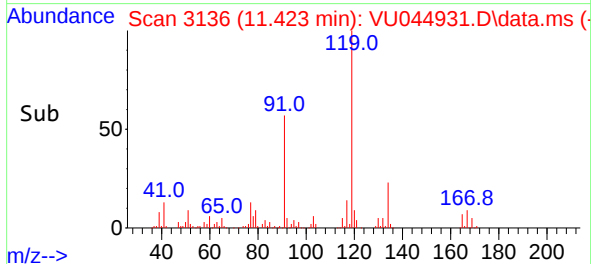
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



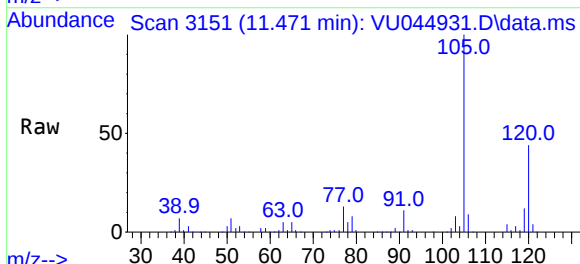
Tgt Ion:119 Resp: 171220
Ion Ratio Lower Upper
119 100
91 61.5 30.4 91.2
134 22.8 11.5 34.5

Manual Integrations
APPROVED

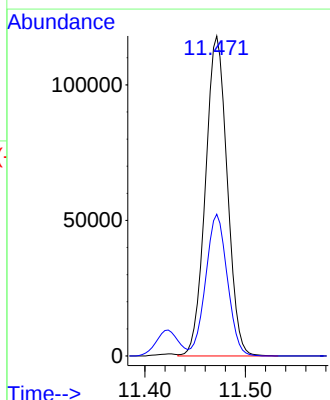
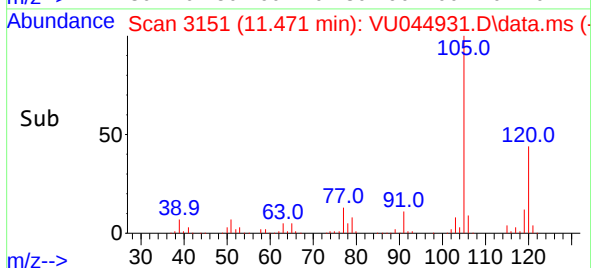
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

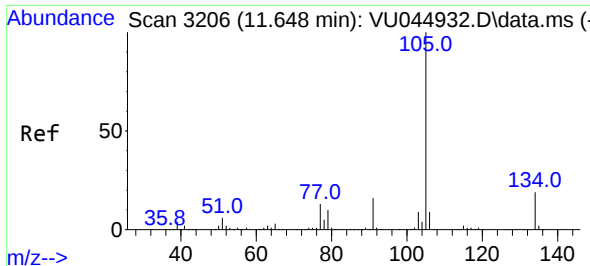


#84
1,2,4-Trimethylbenzene
Concen: 20.918 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



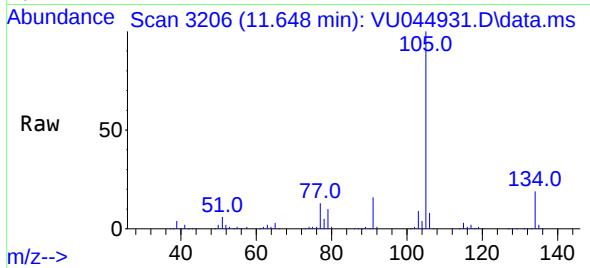
Tgt Ion:105 Resp: 177453
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.720 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044931.D
 Acq: 28 Sep 2021 11:00

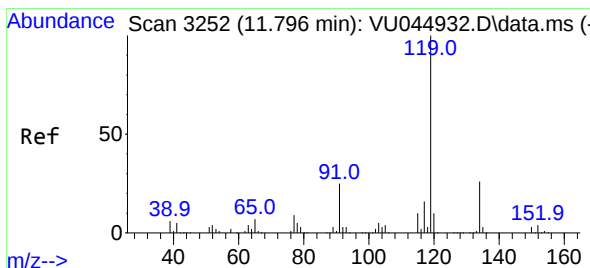
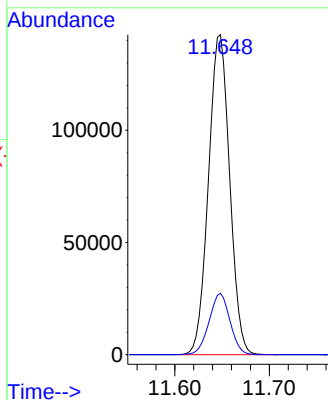
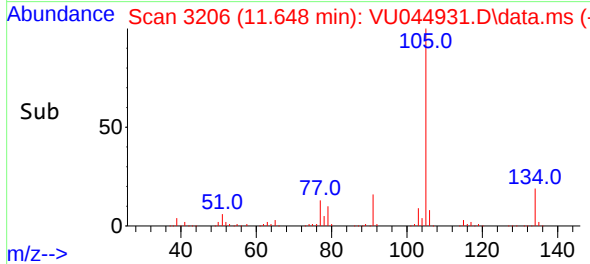
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



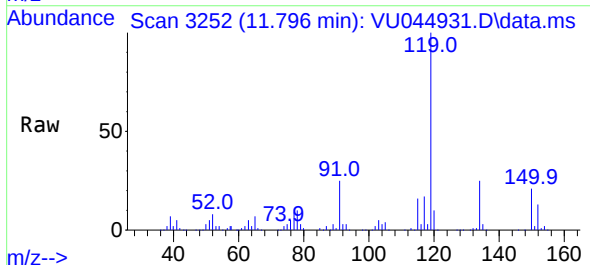
Tgt Ion:105 Resp: 222336
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0

Manual Integrations
 APPROVED

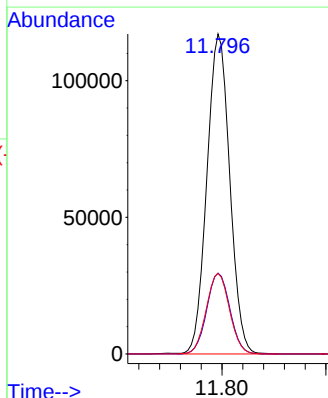
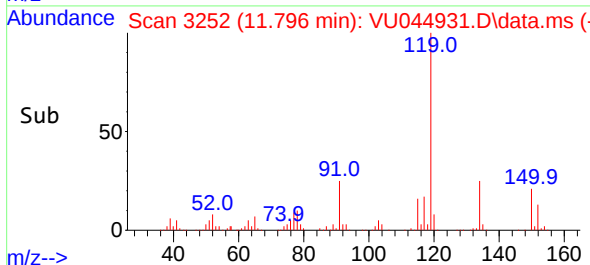
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

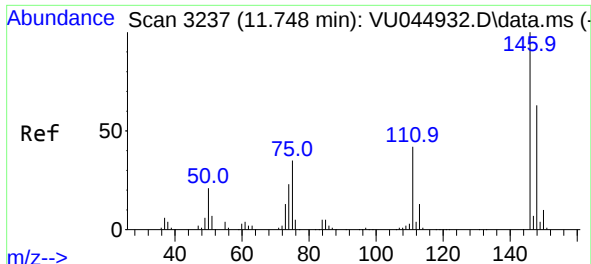


#86
 p-Isopropyltoluene
 Concen: 20.432 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044931.D
 Acq: 28 Sep 2021 11:00



Tgt Ion:119 Resp: 178372
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.322 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

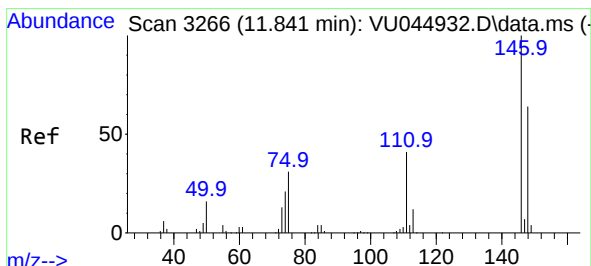
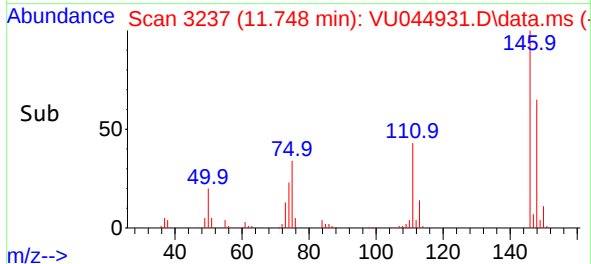
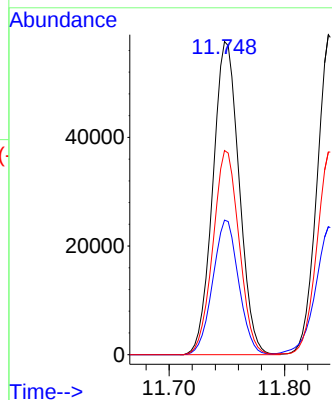
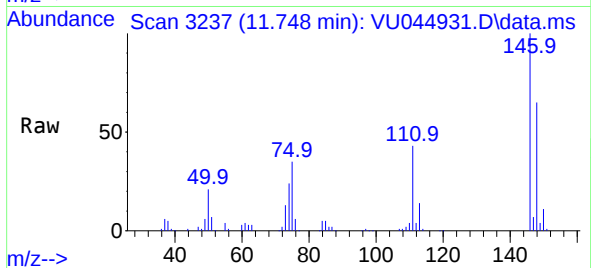
Tgt Ion:146	Resp:	91198
Ion Ratio	Lower	Upper
146	100	
111	42.4	21.2 63.6
148	64.7	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 18.922 ug/l

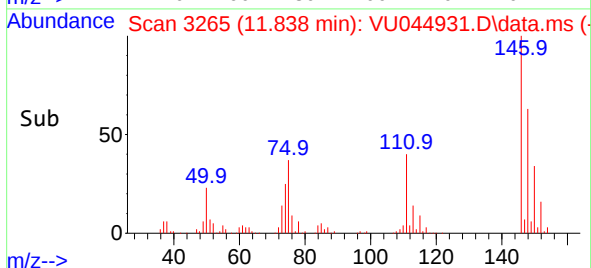
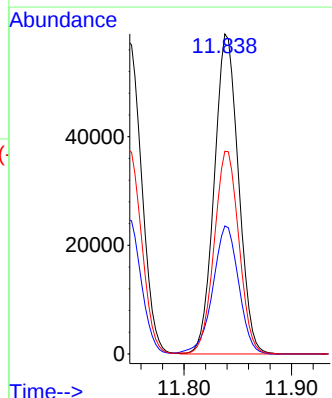
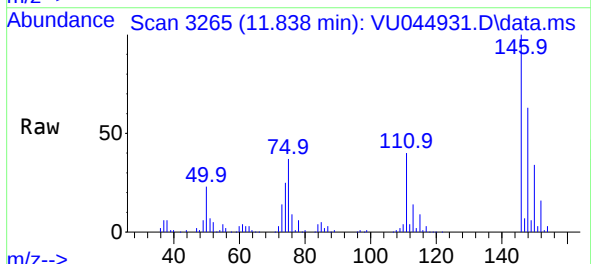
RT: 11.838 min Scan# 3265

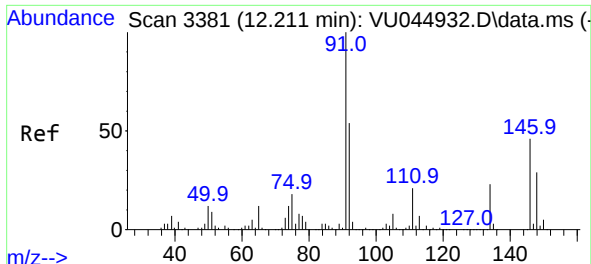
Delta R.T. -0.003 min

Lab File: VU044931.D

Acq: 28 Sep 2021 11:00

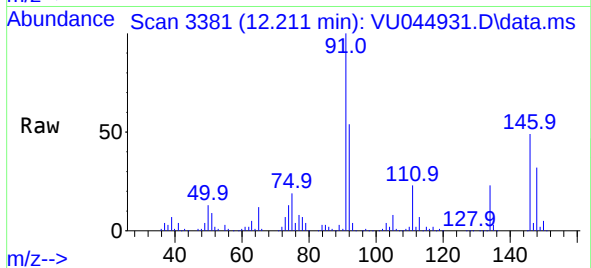
Tgt Ion:146	Resp:	92095
Ion Ratio	Lower	Upper
146	100	
111	42.8	20.3 61.0
148	64.8	31.8 95.3





#89
n-Butylbenzene
Concen: 19.484 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

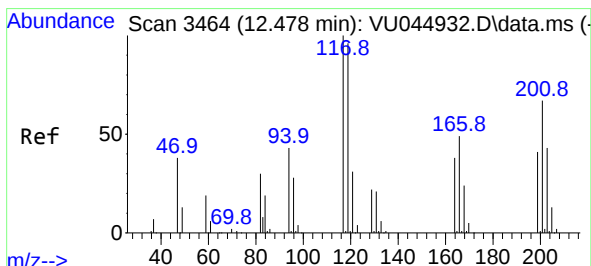
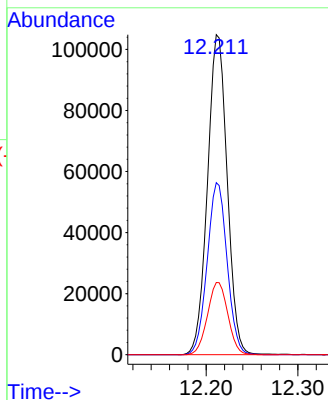
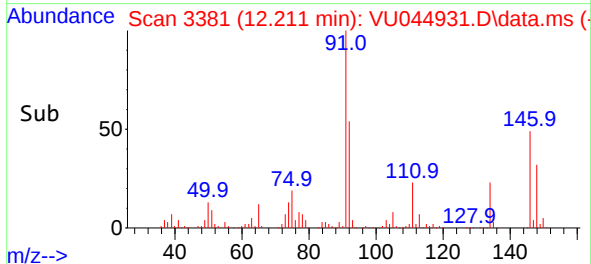
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 15658
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.4
134 23.3 11.8 35.4

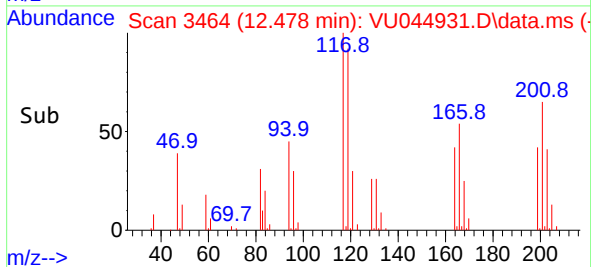
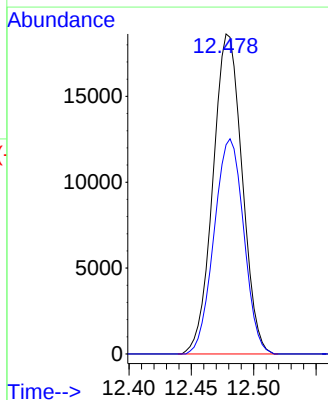
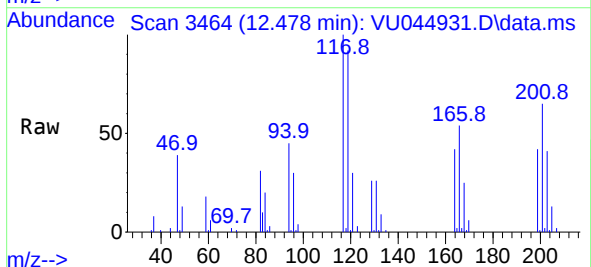
Manual Integrations
APPROVED

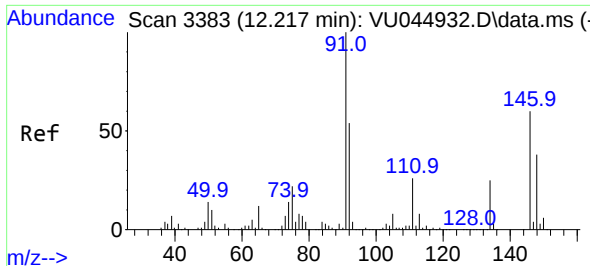
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 19.132 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion:117 Resp: 30365
Ion Ratio Lower Upper
117 100
201 68.4 34.8 104.3





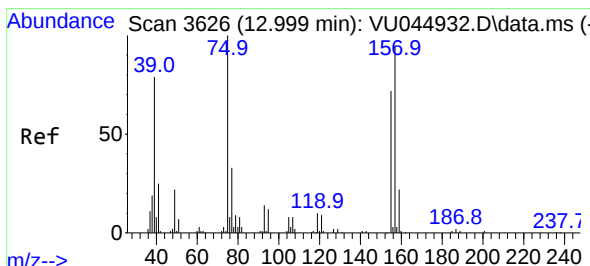
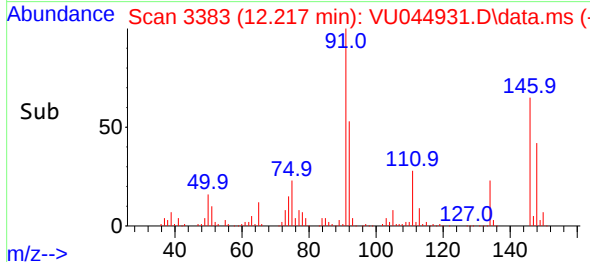
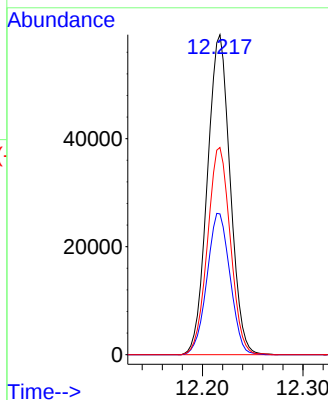
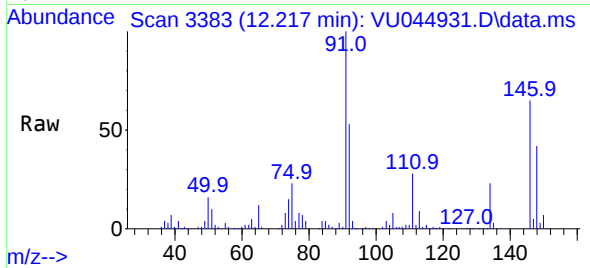
#91
1,2-Dichlorobenzene
Concen: 18.730 ug/l
RT: 12.217 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 93372
Ion Ratio Lower Upper
146 100
111 44.7 21.4 64.3
148 65.1 31.8 95.3

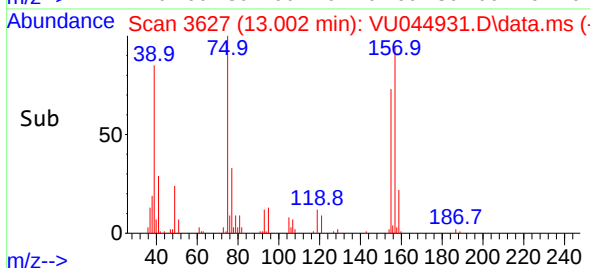
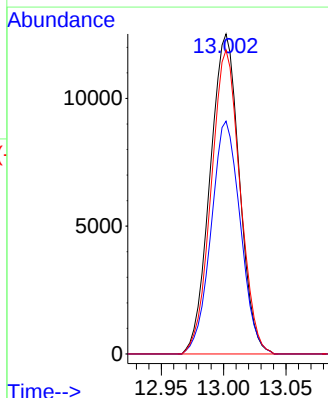
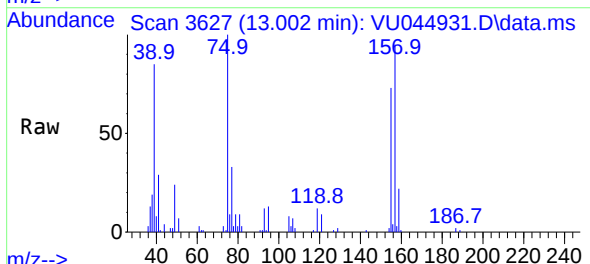
Manual Integrations
APPROVED

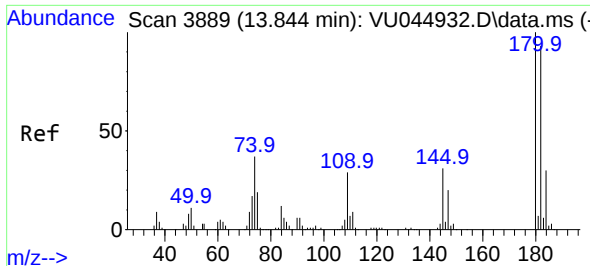
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.525 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Tgt Ion: 75 Resp: 20498
Ion Ratio Lower Upper
75 100
155 72.7 36.9 110.6
157 93.6 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 18.565 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

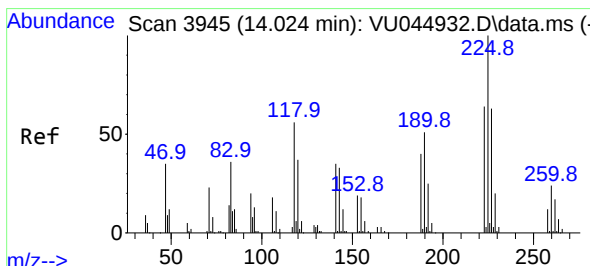
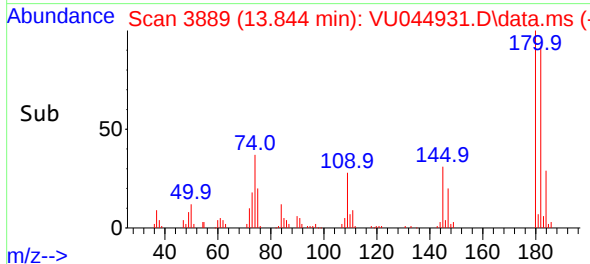
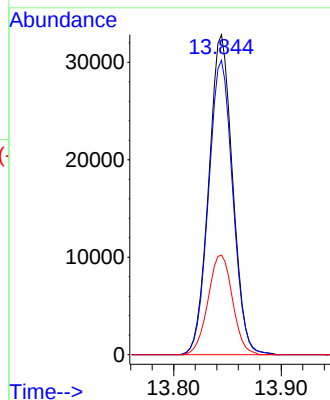
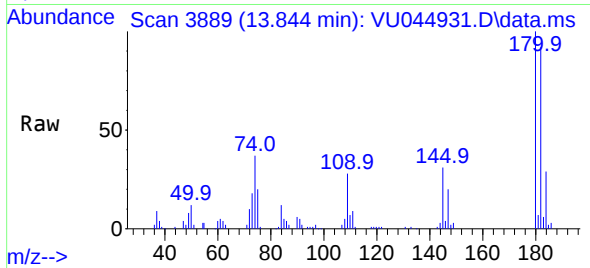
VSTDICC020

Tgt Ion:180 Resp: 50602
Ion Ratio Lower Upper
180 100
182 93.4 47.4 142.3
145 32.0 15.4 46.2

Manual Integrations

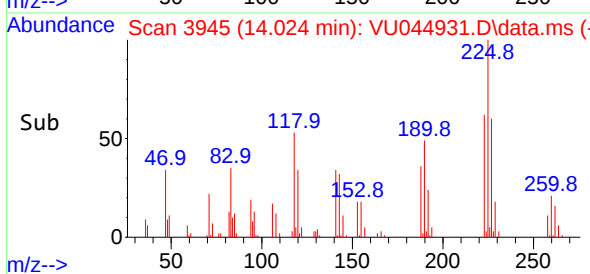
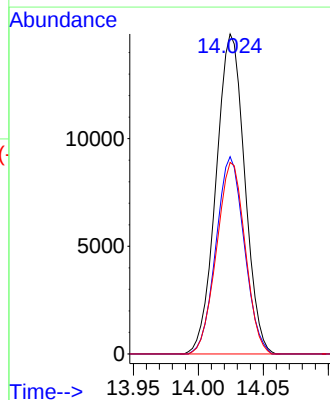
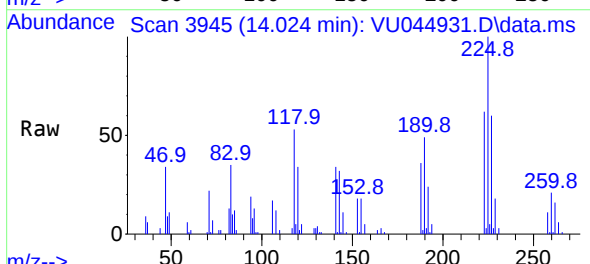
APPROVED

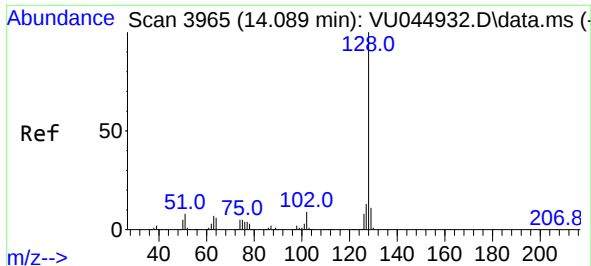
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#94
Hexachlorobutadiene
Concen: 18.871 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

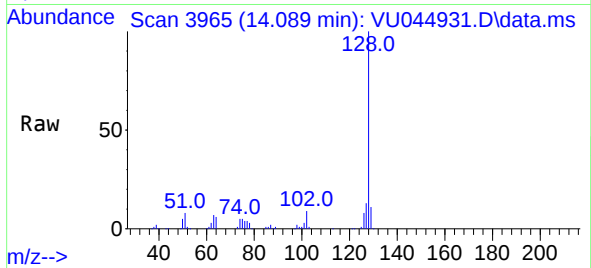
Tgt Ion:225 Resp: 22734
Ion Ratio Lower Upper
225 100
223 60.9 31.1 93.3
227 59.6 31.4 94.3





#95
Naphthalene
Concen: 19.775 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00

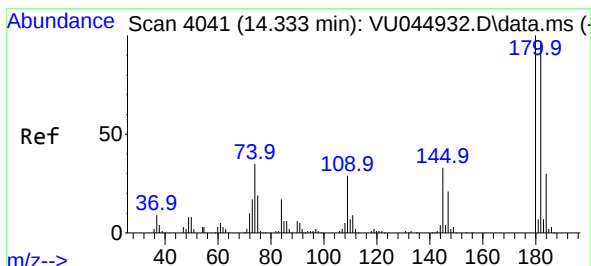
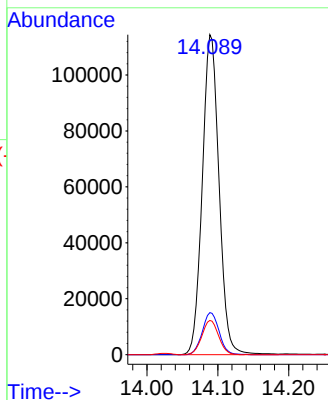
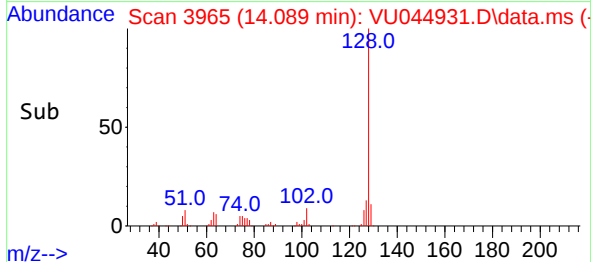
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



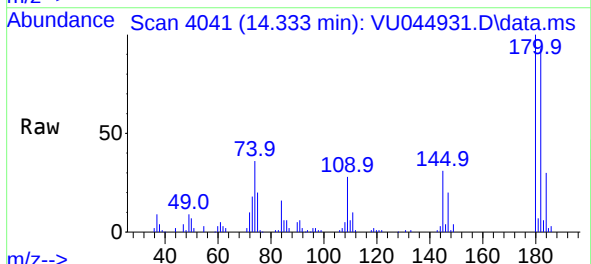
Tgt Ion:128 Resp: 187572
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.607 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044931.D
Acq: 28 Sep 2021 11:00



Tgt Ion:180 Resp: 51142
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 32.2 16.4 49.2

