

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019722.D
 Acq On : 04 Dec 2020 17:21
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:53:00 AM

Quant Time: Dec 05 04:21:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	334903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	558197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	510445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	219522	49.87	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.74%
35) Dibromofluoromethane	5.46	113	176623	48.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.92%
50) Toluene-d8	8.70	98	686625	49.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.70%
62) 4-Bromofluorobenzene	11.12	95	256732	48.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	64583	21.063	ug/l 100
3) Chloromethane	1.31	50	71802	19.912	ug/l 99
4) Vinyl Chloride	1.39	62	79640	20.946	ug/l 97
5) Bromomethane	1.62	94	43554	34.498	ug/l 98
6) Chloroethane	1.71	64	49981	21.883	ug/l 99
7) Trichlorofluoromethane	1.92	101	109181	20.619	ug/l 95
8) Diethyl Ether	2.17	74	45587	20.316	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	65030	21.426	ug/l 99
10) Methyl Iodide	2.49	142	93651	20.934	ug/l 100
11) Tert butyl alcohol	3.01	59	93013	101.233	ug/l 99
12) 1,1-Dichloroethene	2.36	96	66302	21.608	ug/l 98
13) Acrolein	2.27	56	44965	92.548	ug/l 99
14) Allyl chloride	2.71	41	106369	20.525	ug/l 100
15) Acrylonitrile	3.11	53	213430	107.259	ug/l 100
16) Acetone	2.42	43	173711	104.996	ug/l 100
17) Carbon Disulfide	2.55	76	171266	19.452	ug/l 99
18) Methyl Acetate	2.75	43	87774	21.680	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	236821	21.193	ug/l 99
20) Methylene Chloride	2.83	84	80297	20.418	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	74304	20.771	ug/l 98
22) Diisopropyl ether	3.82	45	220777	21.071	ug/l 97
23) Vinyl Acetate	3.78	43	950448	106.473	ug/l 100
24) 1,1-Dichloroethane	3.67	63	132207	20.924	ug/l 99
25) 2-Butanone	4.63	43	272188	107.066	ug/l 100
26) 2,2-Dichloropropane	4.55	77	111316	20.458	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	85530	20.430	ug/l 98
28) Bromochloromethane	4.98	49	64314	21.352	ug/l 99
29) Tetrahydrofuran	5.09	42	172895	105.557	ug/l 99
30) Chloroform	5.17	83	135115	20.797	ug/l 100
31) Cyclohexane	5.54	56	114445	20.902	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	116253	20.778	ug/l 100
36) 1,1-Dichloropropene	5.77	75	101050	20.033	ug/l 98
37) Ethyl Acetate	4.79	43	104562	20.531	ug/l 100
38) Carbon Tetrachloride	5.75	117	98664	19.975	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	115371	19.468	ug/l	98
40) Benzene	6.11	78	311975	20.247	ug/l	98
41) Methacrylonitrile	5.00	41	57552	20.582	ug/l	100
42) 1,2-Dichloroethane	6.16	62	107571	20.434	ug/l	99
43) Isopropyl Acetate	6.41	43	166945	20.163	ug/l	100
44) Trichloroethene	7.18	130	79356	19.629	ug/l	98
45) 1,2-Dichloropropane	7.49	63	78533	20.393	ug/l	99
46) Dibromomethane	7.63	93	53018	20.387	ug/l	99
47) Bromodichloromethane	7.87	83	102947	19.950	ug/l	99
48) Methyl methacrylate	7.74	41	82958	20.372	ug/l	99
49) 1,4-Dioxane	7.71	88	41502	420.716	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	528029	104.454	ug/l	100
52) Toluene	8.76	92	192701	19.996	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	114764	20.041	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	125152	20.117	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	80819	20.811	ug/l	99
56) Ethyl methacrylate	9.16	69	118889	20.234	ug/l	99
57) 1,3-Dichloropropane	9.35	76	134945	20.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	314821	101.142	ug/l	100
59) 2-Hexanone	9.47	43	407154	103.908	ug/l	100
60) Dibromochloromethane	9.56	129	80049	20.288	ug/l	99
61) 1,2-Dibromoethane	9.65	107	84397	20.466	ug/l	98
64) Tetrachloroethene	9.32	164	65707	19.195	ug/l	97
65) Chlorobenzene	10.12	112	206392	20.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	74790	20.433	ug/l	99
67) Ethyl Benzene	10.23	91	366856	20.323	ug/l	100
68) m/p-Xylenes	10.34	106	277875	40.852	ug/l	100
69) o-Xylene	10.68	106	134975	20.628	ug/l	99
70) Styrene	10.70	104	227234	20.575	ug/l	99
71) Bromoform	10.84	173	57543	19.984	ug/l #	98
73) Isopropylbenzene	11.00	105	359205	21.159	ug/l	99
74) N-amyl acetate	10.88	43	142128	20.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	129089	21.568	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	118652m	21.290	ug/l	
77) Bromobenzene	11.24	156	87637	20.172	ug/l	97
78) n-propylbenzene	11.34	91	406956	20.989	ug/l	100
79) 2-Chlorotoluene	11.40	91	249481	20.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	298986	20.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	39516	20.498	ug/l	98
82) 4-Chlorotoluene	11.49	91	286315	20.474	ug/l	100
83) tert-Butylbenzene	11.75	119	294954	20.991	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	308145	21.351	ug/l	99
85) sec-Butylbenzene	11.93	105	337500	21.037	ug/l	99
86) p-Isopropyltoluene	12.05	119	302978	20.606	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	160119	20.081	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	166222	20.467	ug/l	100
89) n-Butylbenzene	12.37	91	262464	20.148	ug/l	100
90) Hexachloroethane	12.58	117	51286	20.204	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	162056	20.849	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	27247	21.176	ug/l	96

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Instrument :
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ClientSampleId :
VX1204WBS01

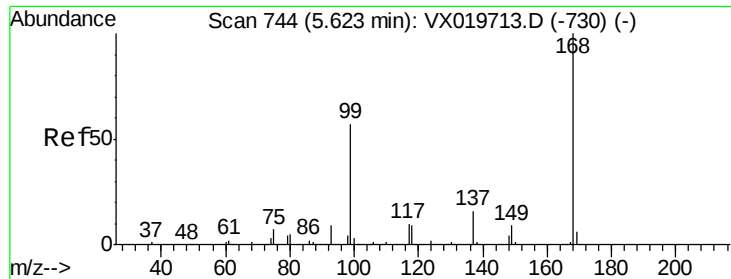
Manual Integrations
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12/7/2020 10:53:00 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	100006	19.765	ug/l	100
94) Hexachlorobutadiene	13.76	225	42950	18.992	ug/l	99
95) Naphthalene	13.82	128	348819	21.265	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	99226	20.066	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion:168 Resp: 334903

Ion Ratio Lower Upper

168 100

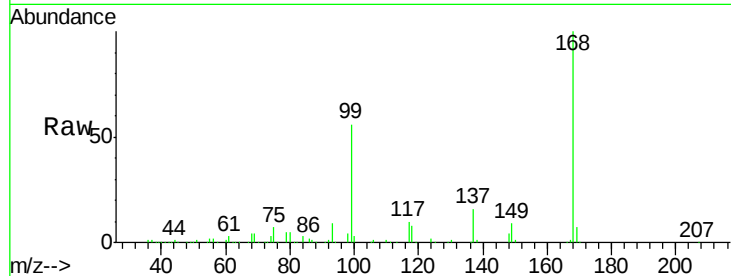
99 55.8 45.8 68.6

Manual Integrations

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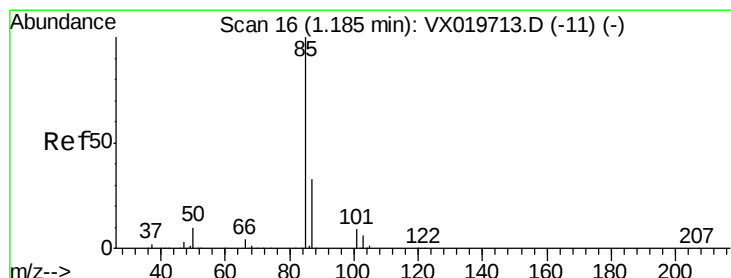
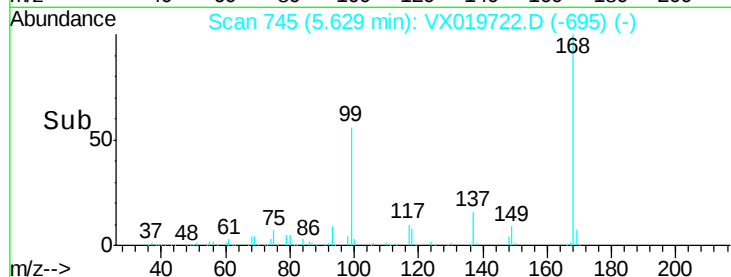
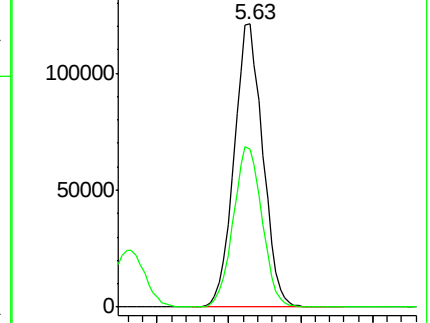
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.063 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019722.D

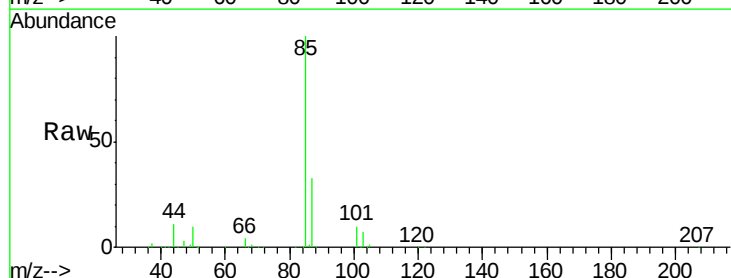
Acq: 04 Dec 2020 17:21

Tgt Ion: 85 Resp: 64583

Ion Ratio Lower Upper

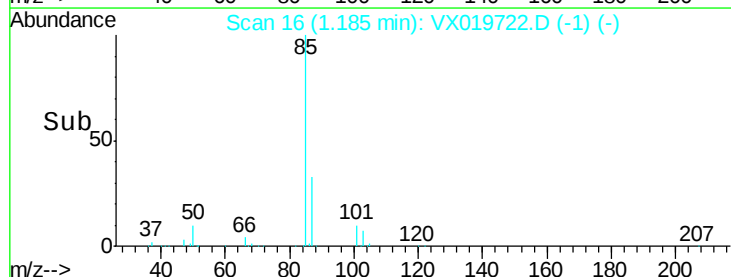
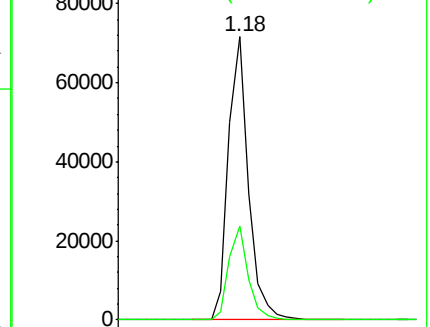
85 100

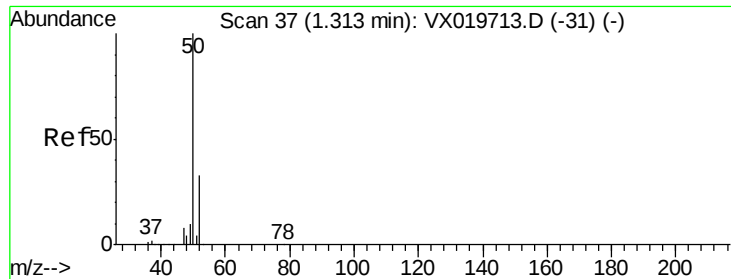
87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.912 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 50 Resp: 71802

Ion Ratio Lower Upper

50 100

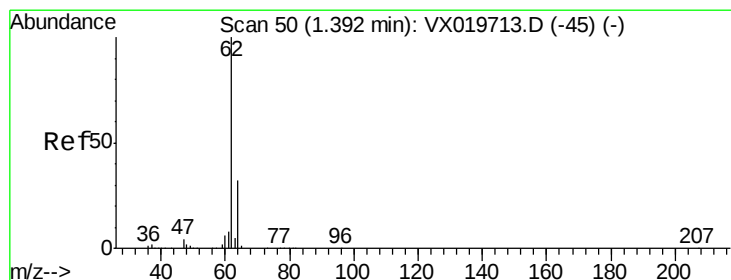
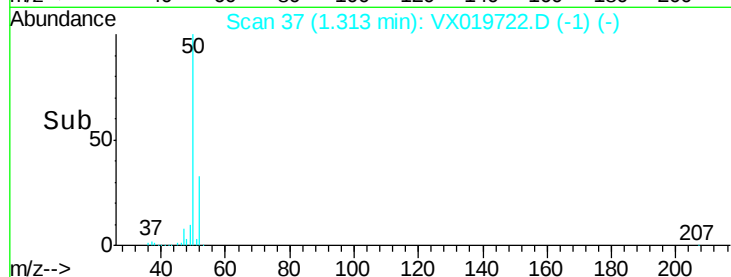
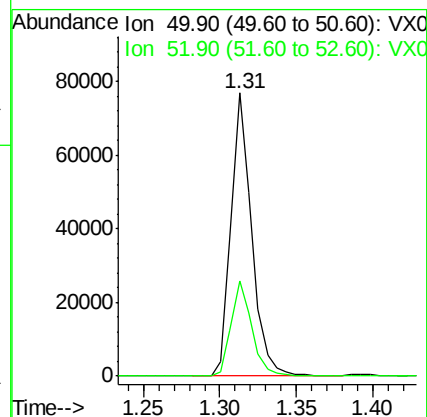
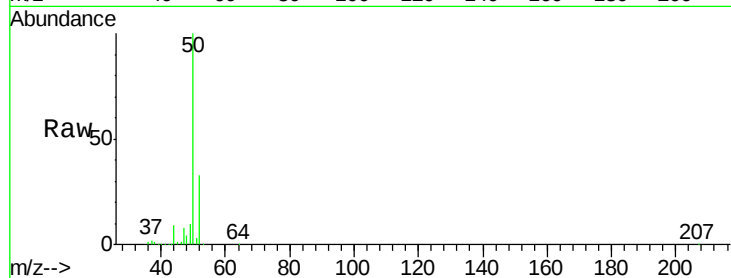
52 33.5 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.946 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019722.D

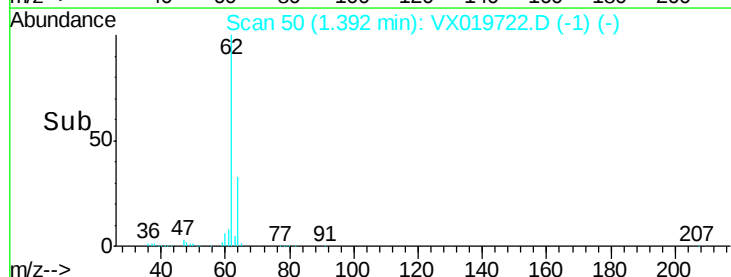
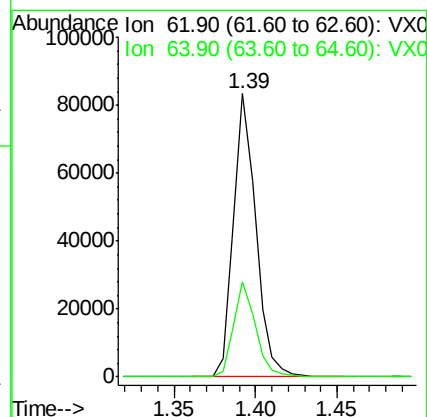
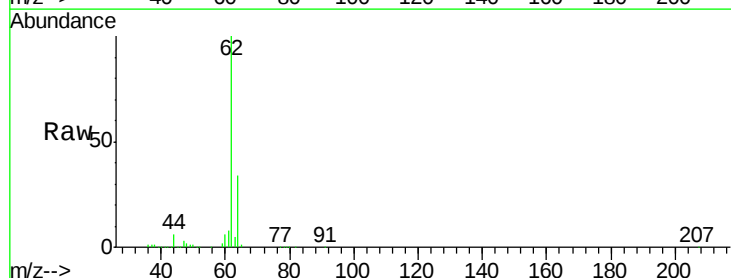
Acq: 04 Dec 2020 17:21

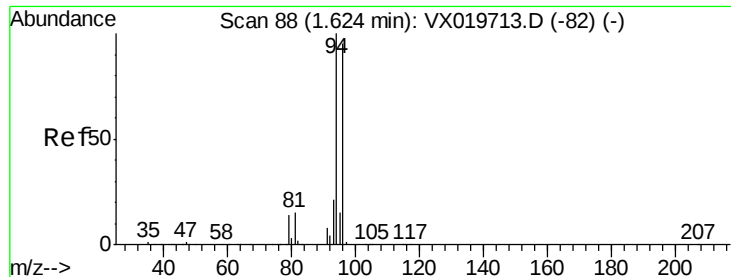
Tgt Ion: 62 Resp: 79640

Ion Ratio Lower Upper

62 100

64 33.5 25.7 38.5





#5

Bromomethane

Concen: 34.498 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tot Ion: 94 Resp: 43554

Ion Ratio Lower Upper

94 100

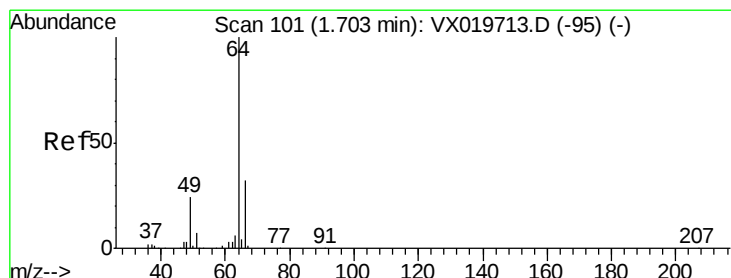
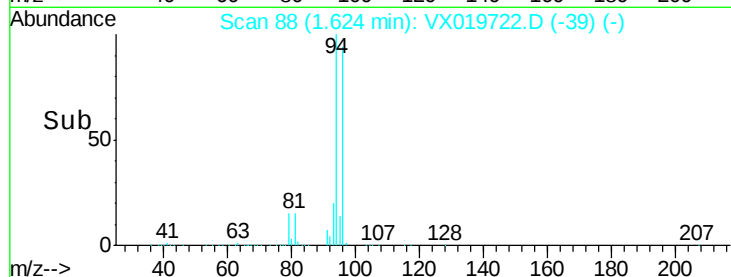
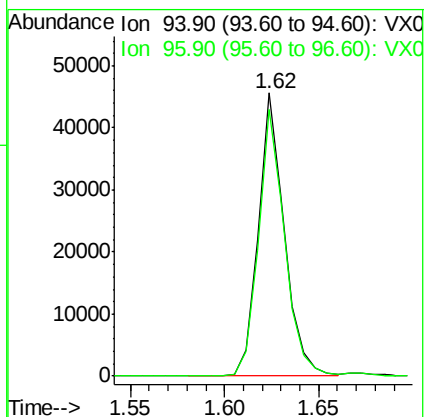
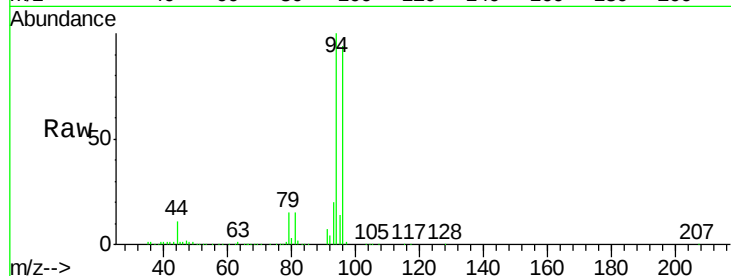
96 94.0 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 21.883 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019722.D

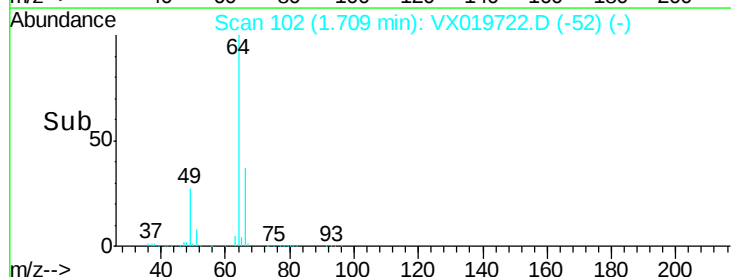
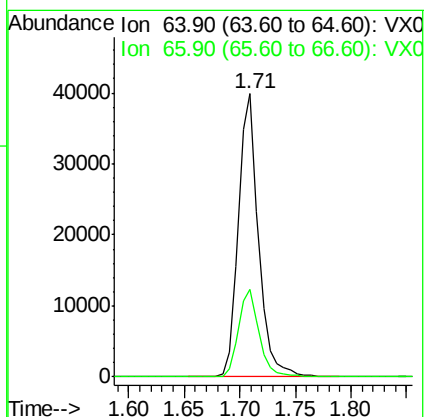
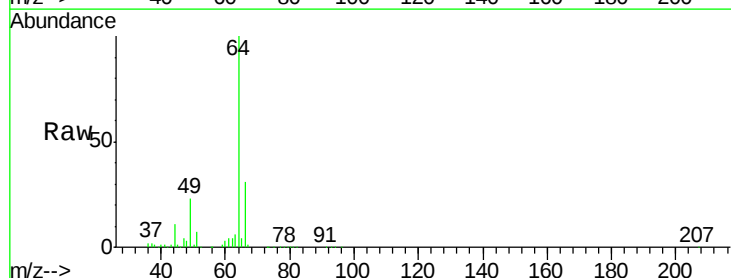
Acq: 04 Dec 2020 17:21

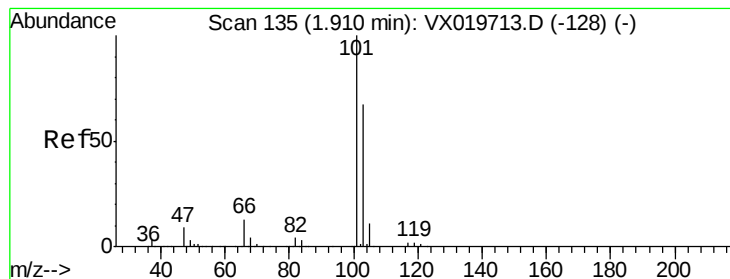
Tgt Ion: 64 Resp: 49981

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.0





#7

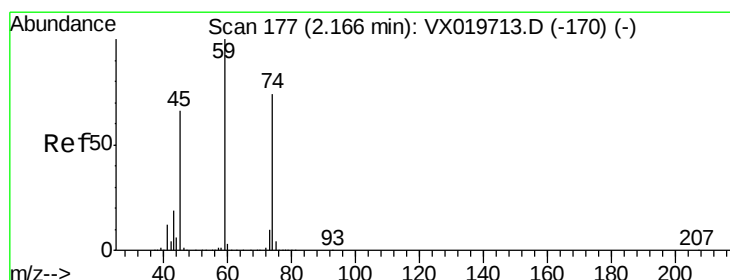
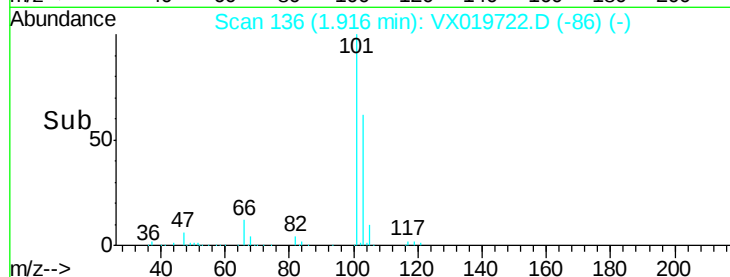
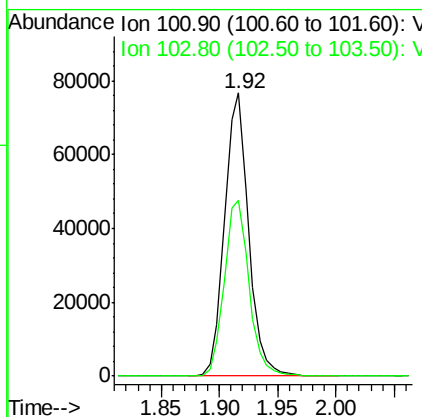
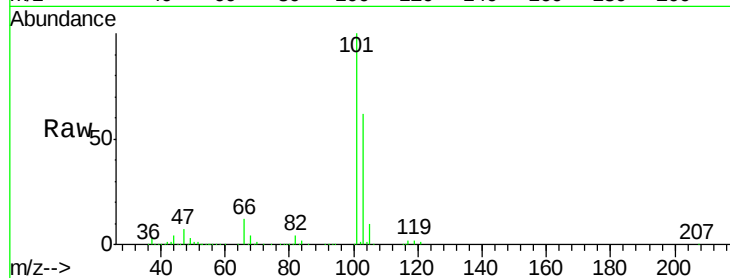
Trichlorofluoromethane
Concen: 20.619 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
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ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	109181		
103	62.2	53.2	79.8	

Manual Integrations
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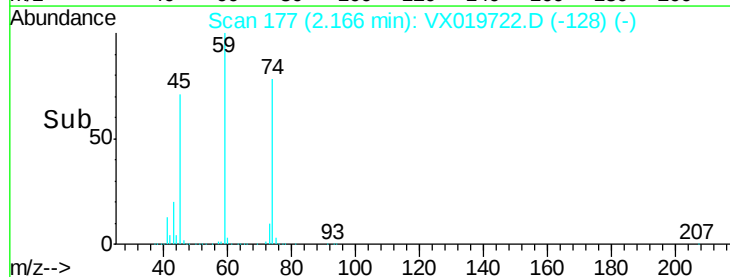
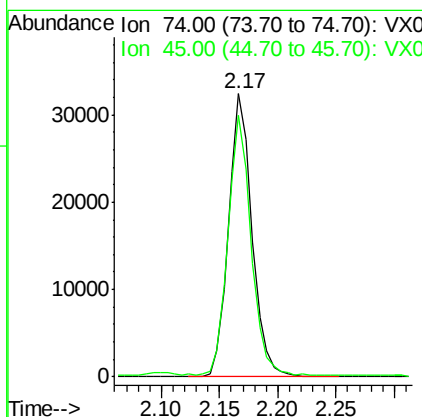
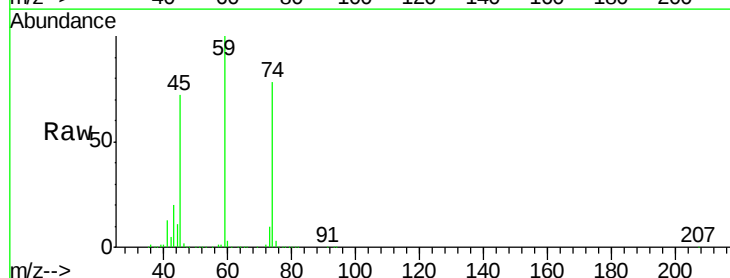
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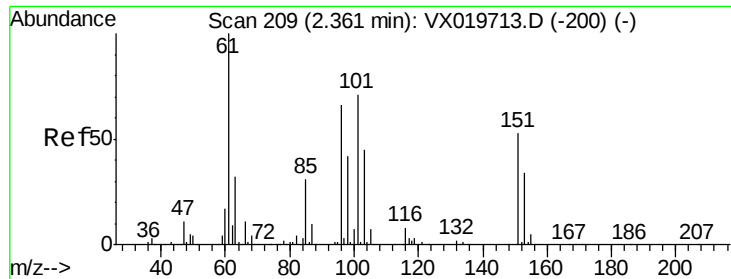


#8

Diethyl Ether
Concen: 20.316 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45587		
45	90.6	44.5	133.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.426 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

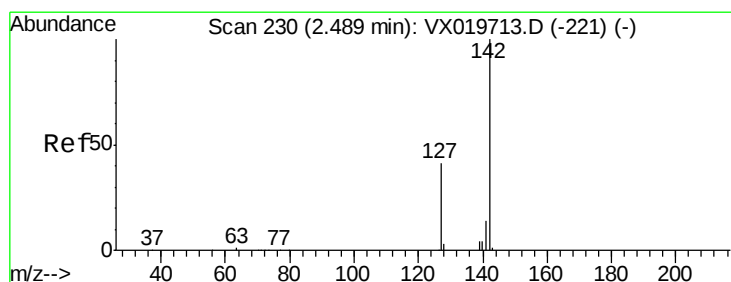
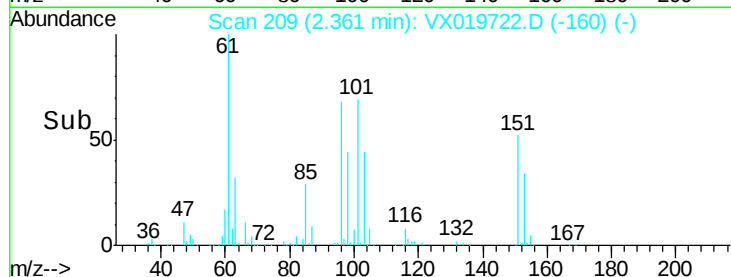
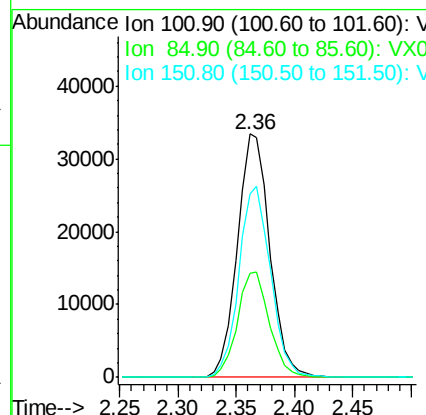
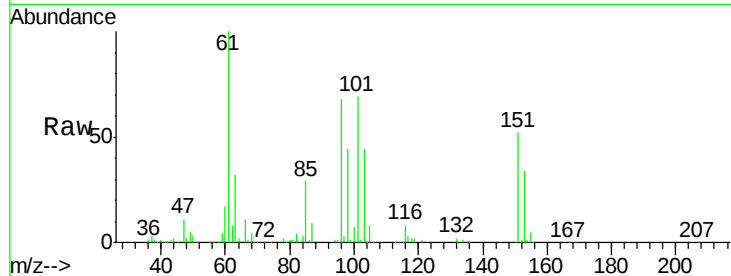
ClientSampled :

VX1204WBS01

Tot Ion:	101	Resp:	65030
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.9	52.3
151	76.6	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.934 ug/l

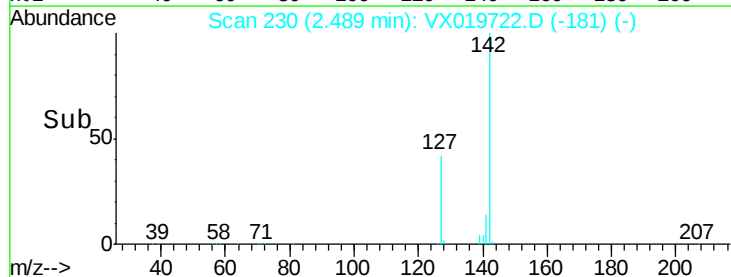
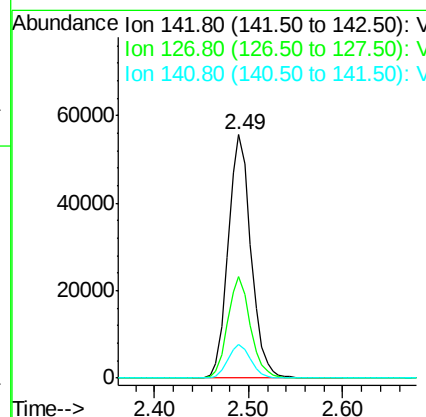
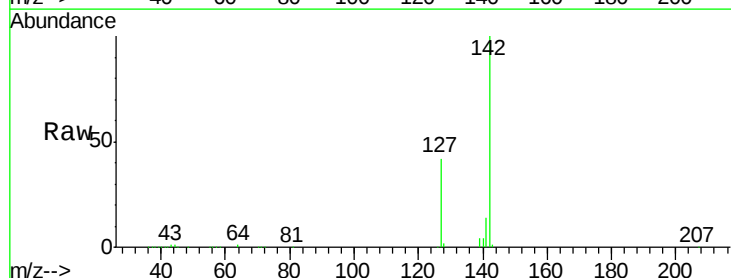
RT: 2.49 min Scan# 230

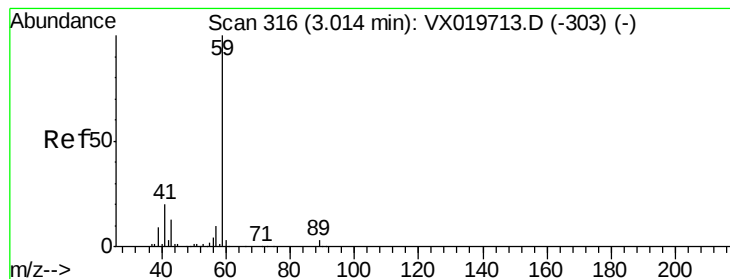
Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion:	142	Resp:	93651
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.3	49.9
141	14.0	11.4	17.0





#11

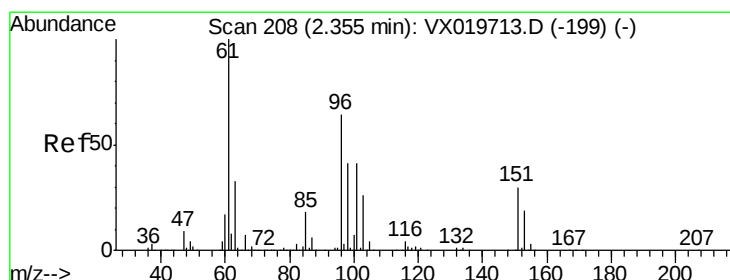
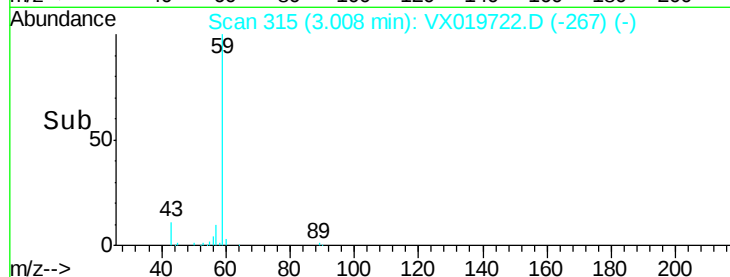
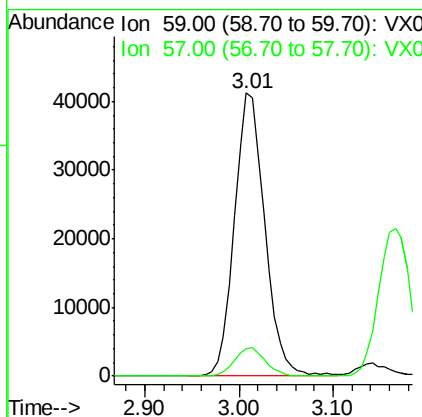
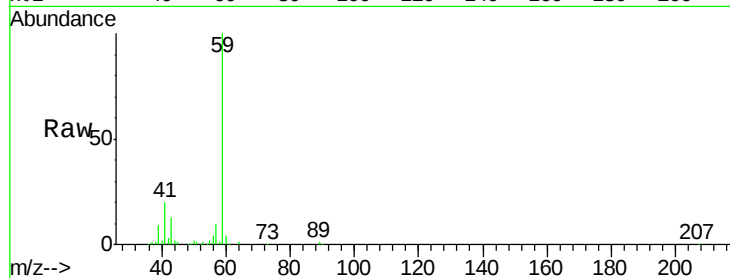
Tert butyl alcohol
Concen: 101.233 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.8

Manual Integrations
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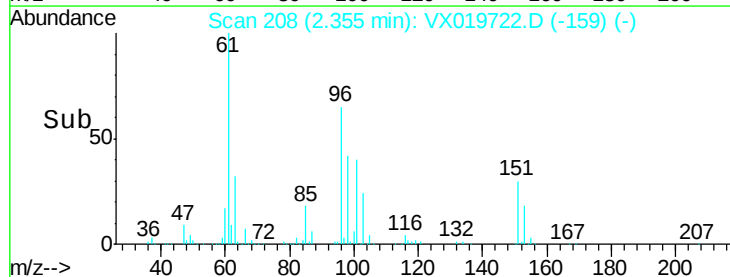
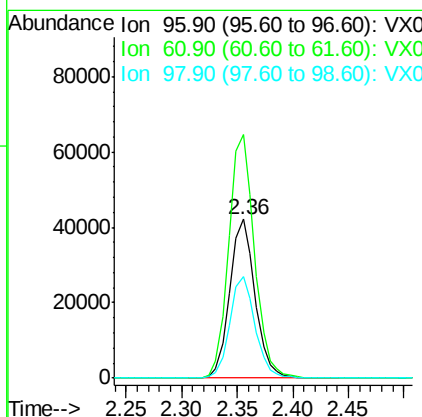
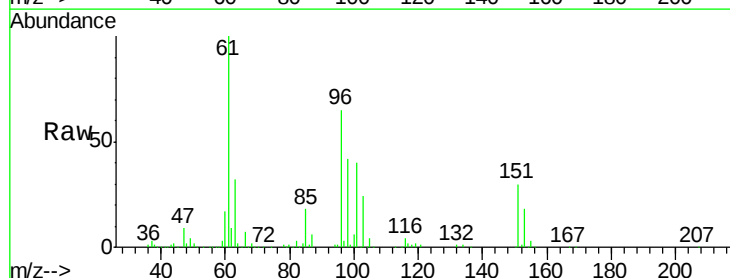
MMDadoda
12/7/2020 10:53:00 AM

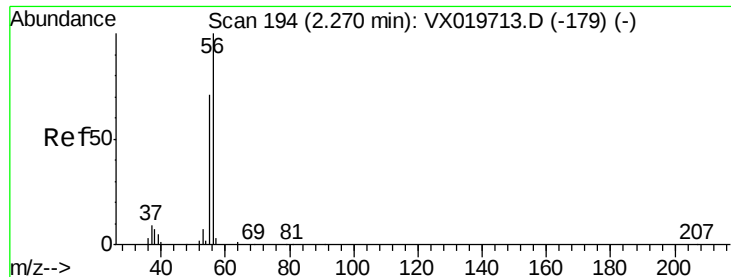


#12

1,1-Dichloroethene
Concen: 21.608 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.4	124.6	187.0
98	63.9	50.6	76.0





#13

Acrolein

Concen: 92.548 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 56 Resp: 44965

Ion Ratio Lower Upper

56 100

55 69.4

56.4

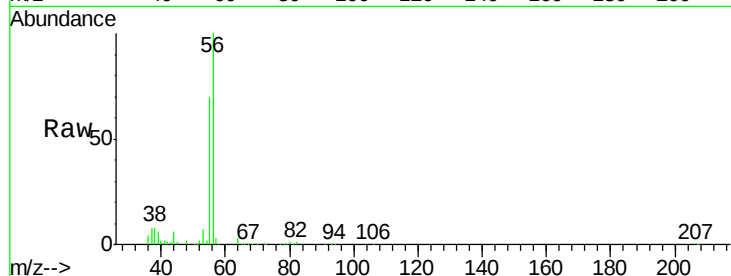
84.6

Manual Integrations

APPROVED

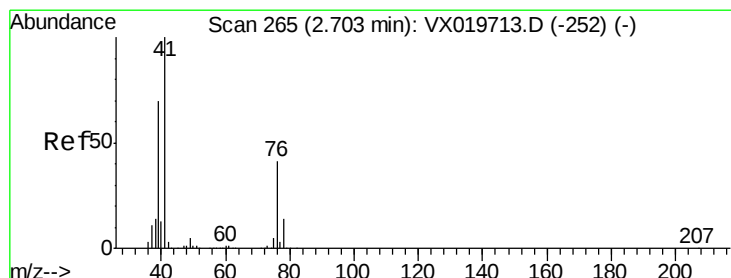
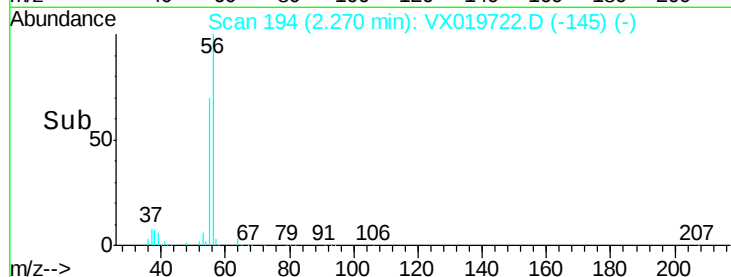
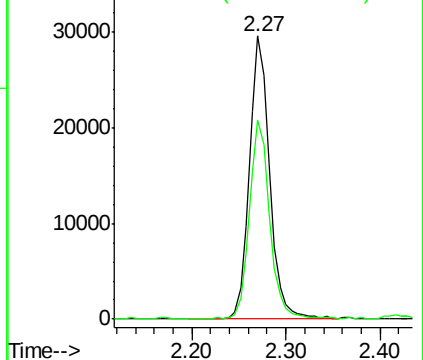
MMDadoda

12/7/2020 10:53:00 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.525 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion: 41 Resp: 106369

Ion Ratio Lower Upper

41 100

39 64.3

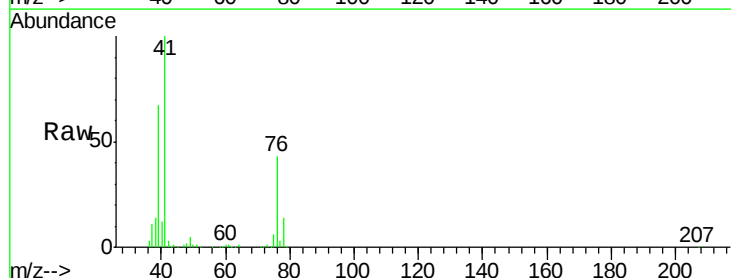
51.6

77.4

76 37.6

30.5

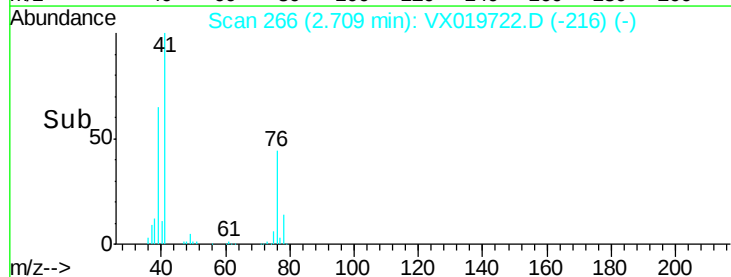
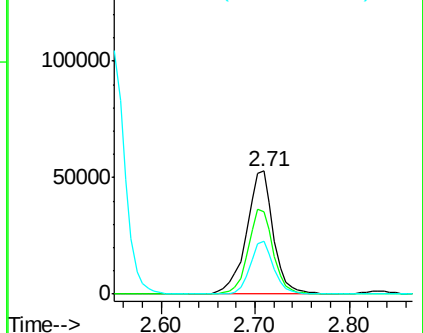
45.7

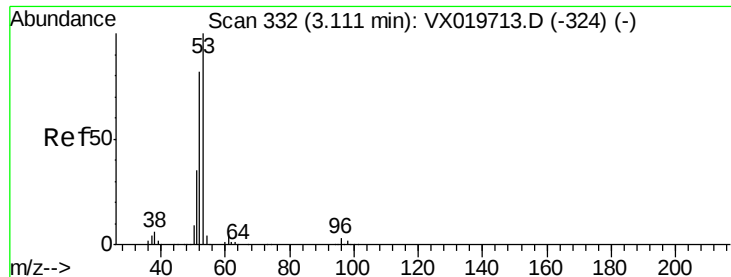


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 107.259 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

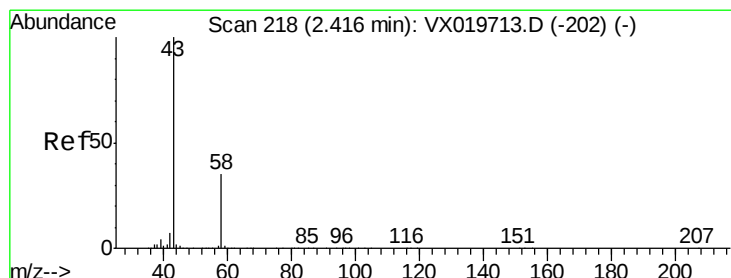
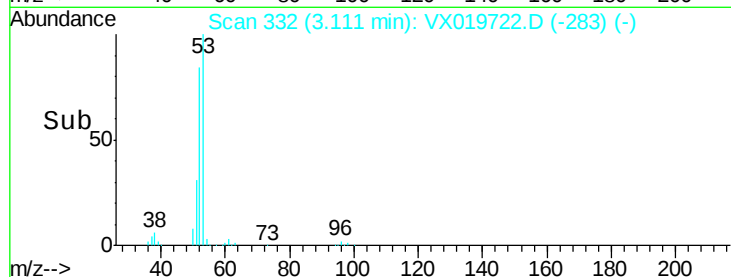
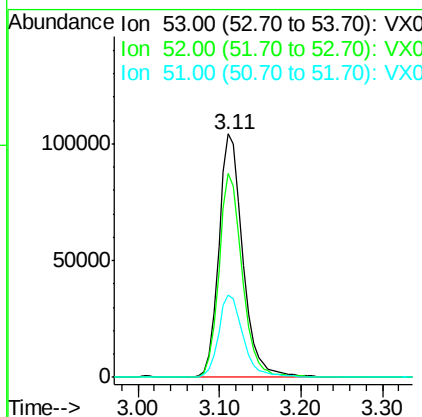
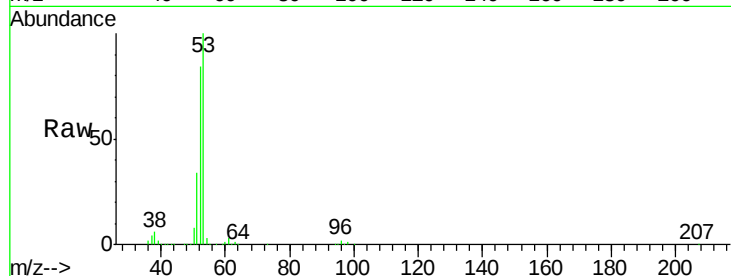
ClientSampled :

VX1204WBS01

Tot Ion:	53	Resp:	213430
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	34.9	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 104.996 ug/l

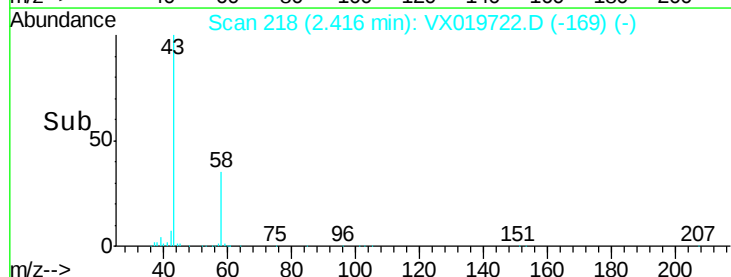
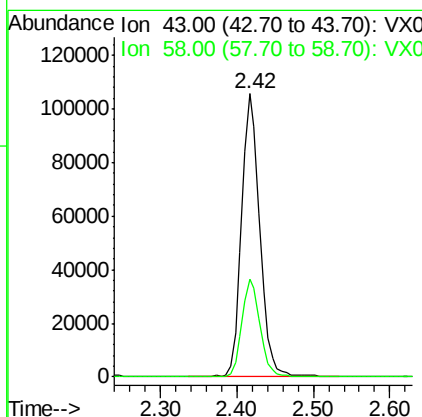
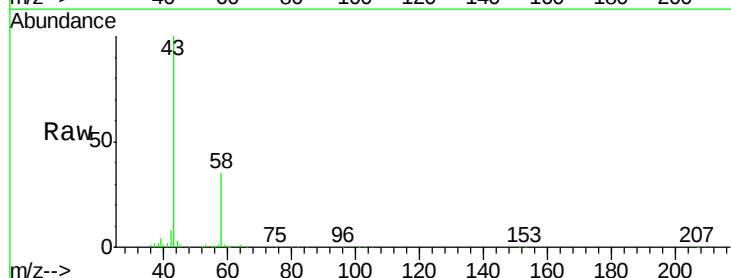
RT: 2.42 min Scan# 218

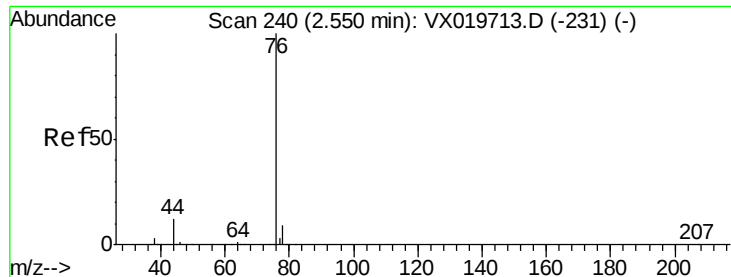
Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion:	43	Resp:	173711
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.8	41.8





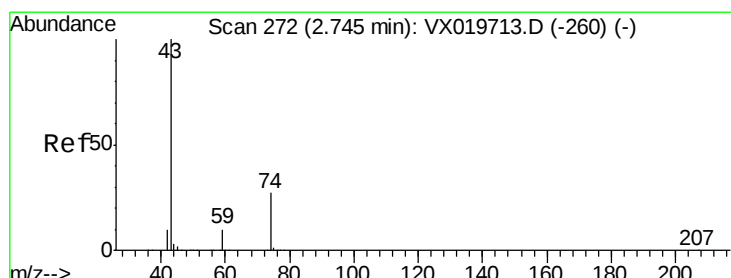
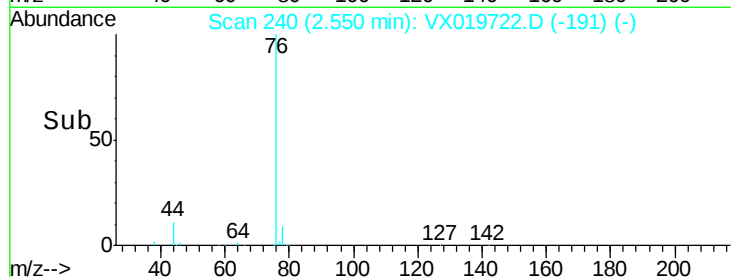
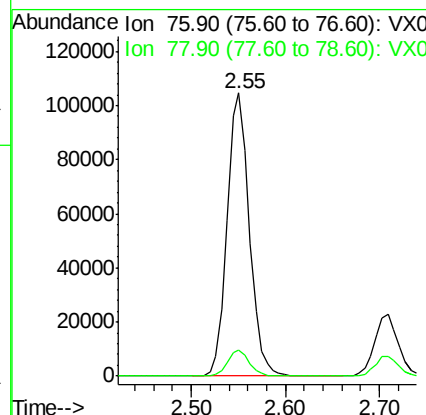
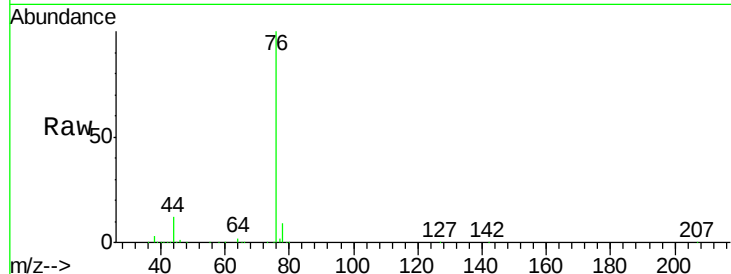
#17
Carbon Disulfide
Concen: 19.452 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

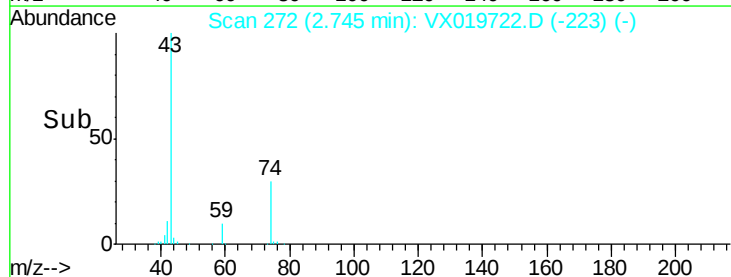
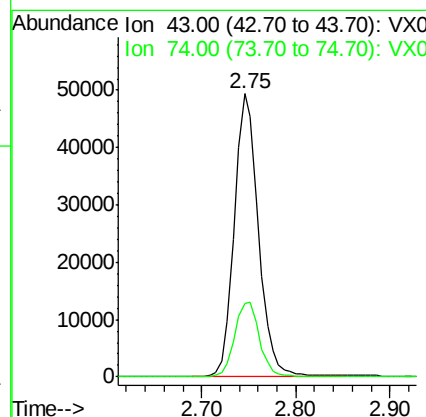
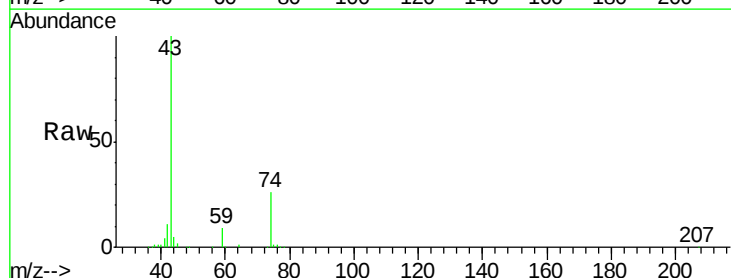
Manual Integrations
APPROVED

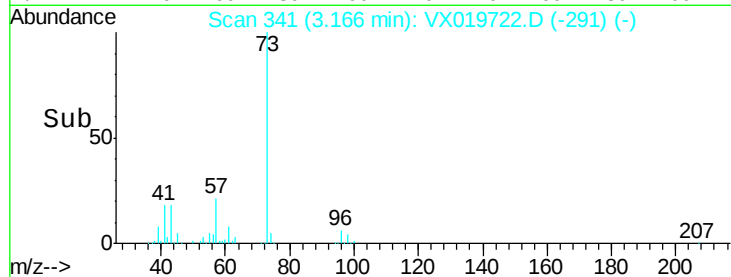
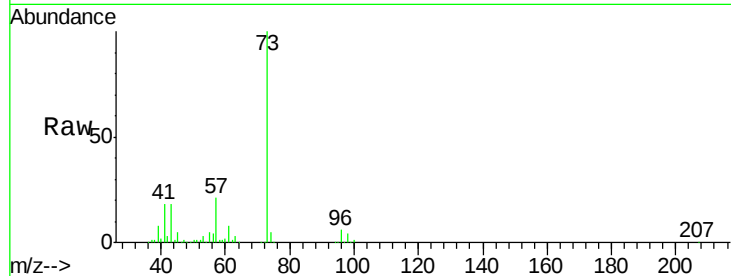
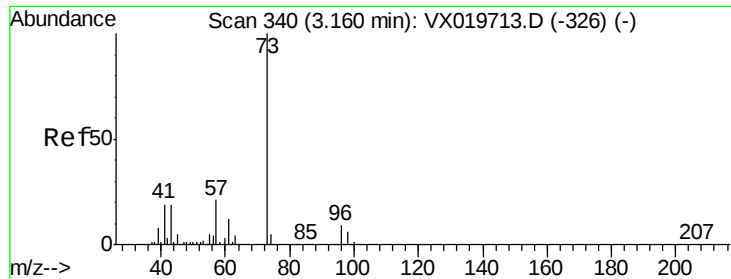
MMDadoda
12/7/2020 10:53:00 AM



#18
Methyl Acetate
Concen: 21.680 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.9	32.9





#19

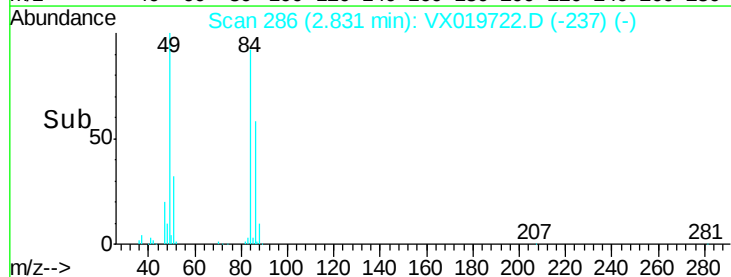
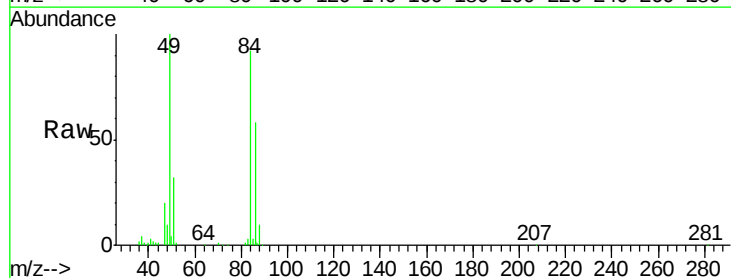
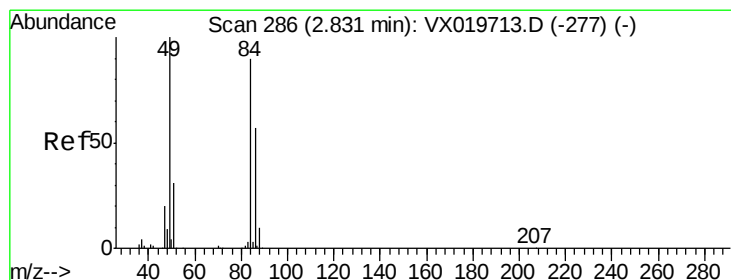
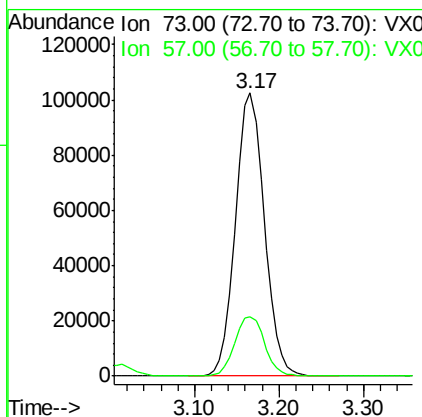
Methyl tert-butyl Ether
Concen: 21.193 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tot Ion	73	Resp	236821
Ion Ratio	100	Lower	Upper
73	100		
57	21.0	17.1	25.7

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Manual Integrations
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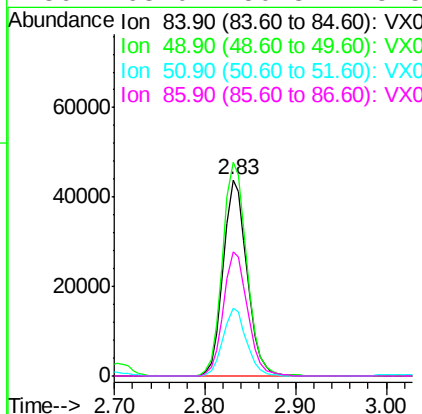
MMDadoda
12/7/2020 10:53:00 AM

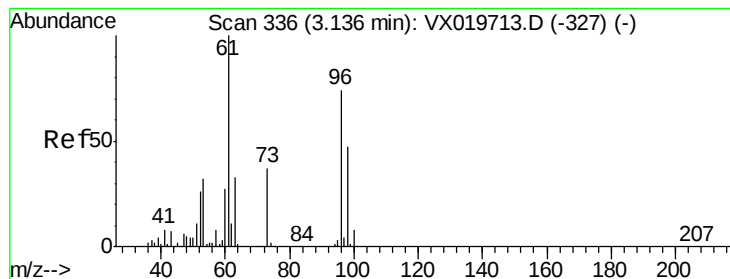


#20

Methylene Chloride
Concen: 20.418 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	84	Resp	80297
Ion Ratio	100	Lower	Upper
84	100		
49	108.7	88.6	132.8
51	34.6	27.0	40.6
86	63.0	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 20.771 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 96 Resp: 74304

Ion Ratio Lower Upper

96 100

61 132.1 107.7 161.5

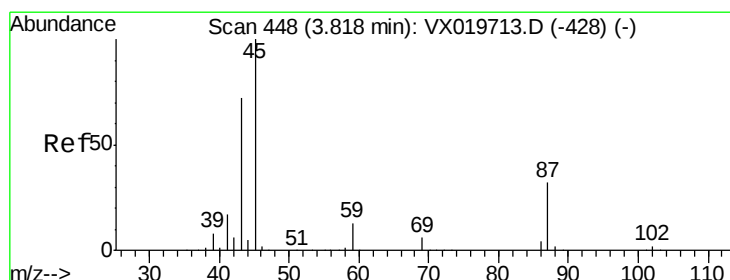
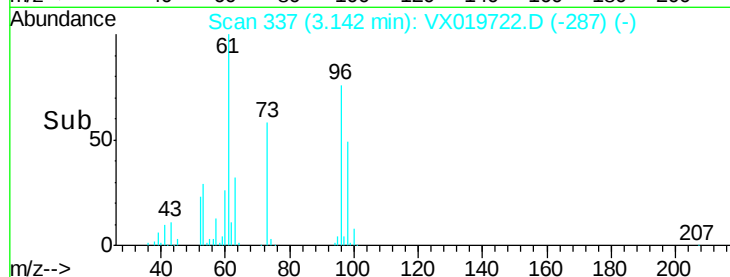
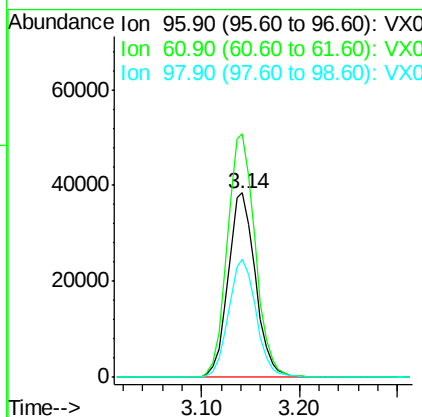
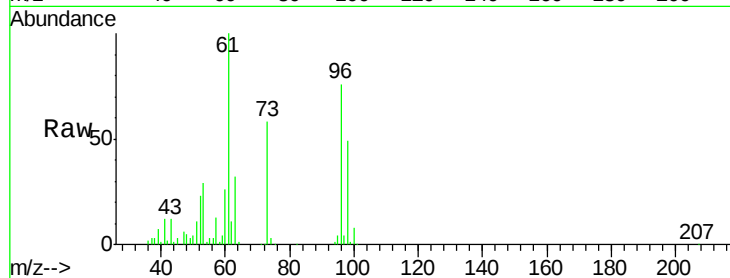
98 64.3 50.4 75.6

Manual Integrations

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12/7/2020 10:53:00 AM



#22

Diisopropyl ether

Concen: 21.071 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion: 45 Resp: 220777

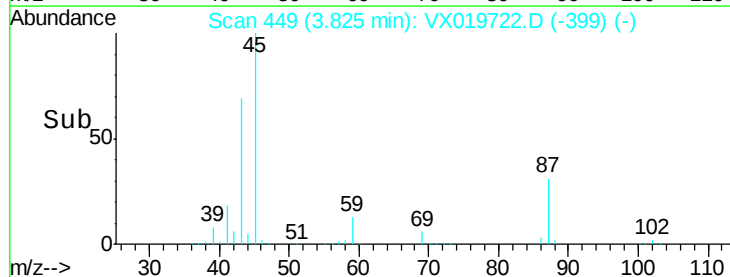
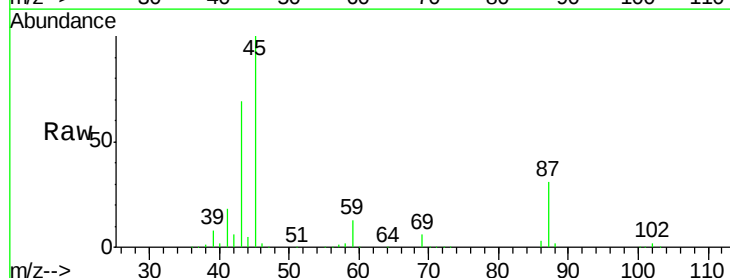
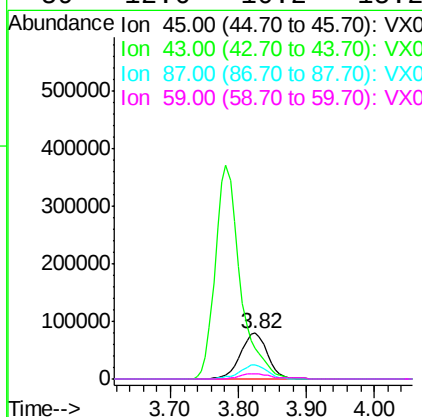
Ion Ratio Lower Upper

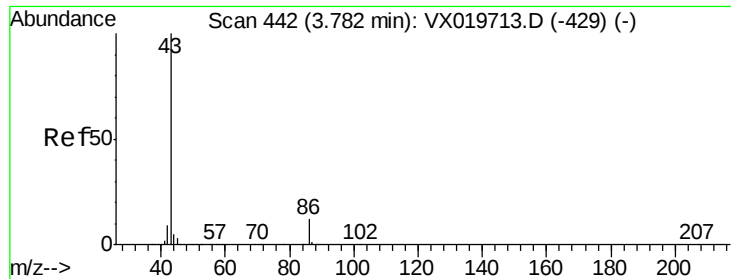
45 100

43 68.6 58.0 87.0

87 31.2 25.4 38.0

59 12.6 10.2 15.2





#23

Vinyl Acetate

Concen: 106.473 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tot Ion: 43 Resp: 950448

Ion Ratio Lower Upper

43 100

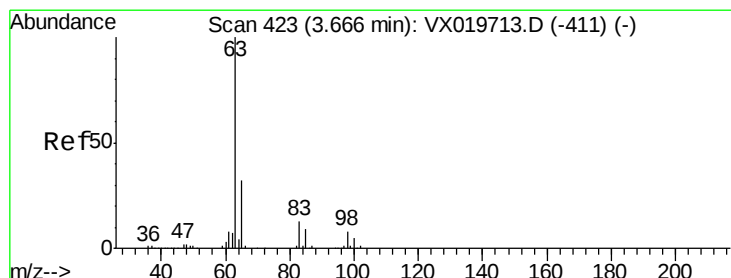
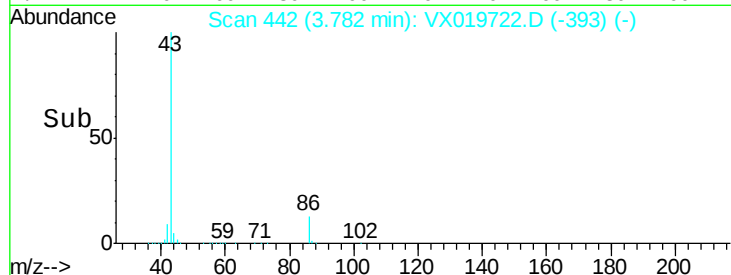
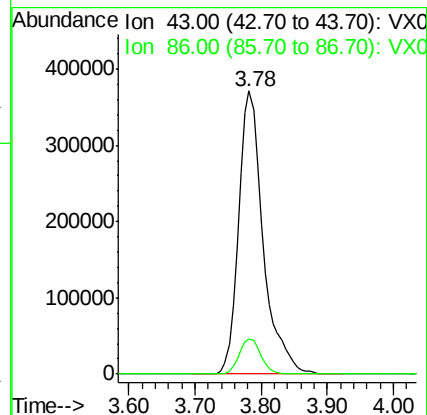
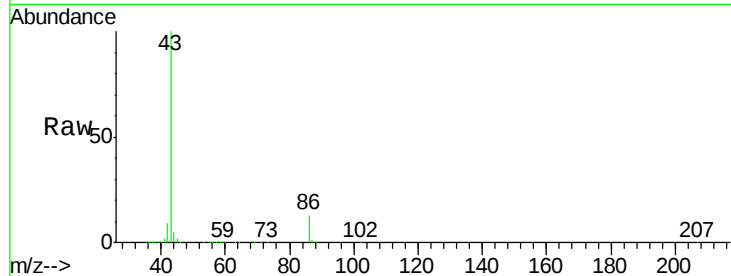
86 12.6 9.9 14.9

Manual Integrations

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MMDadoda

12/7/2020 10:53:00 AM



#24

1,1-Dichloroethane

Concen: 20.924 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

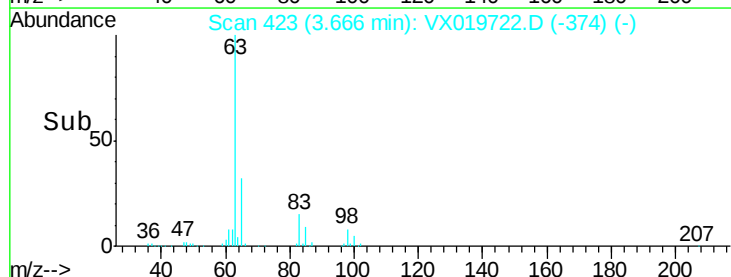
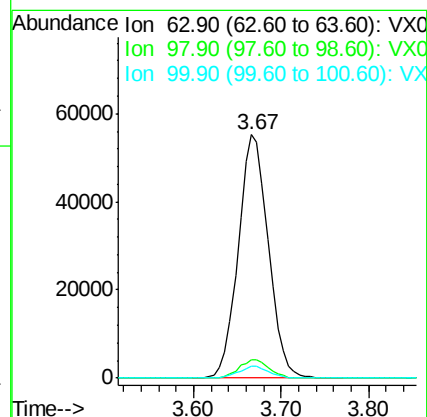
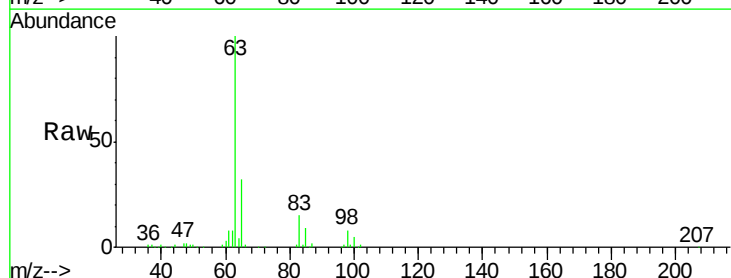
Tgt Ion: 63 Resp: 132207

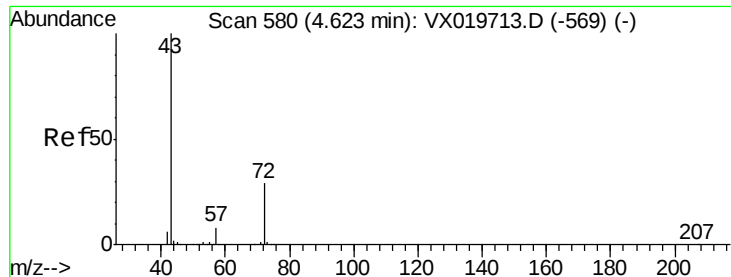
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 107.066 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 43 Resp: 272188

Ion Ratio Lower Upper

43 100

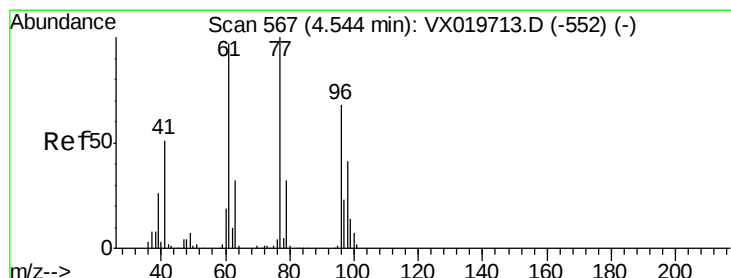
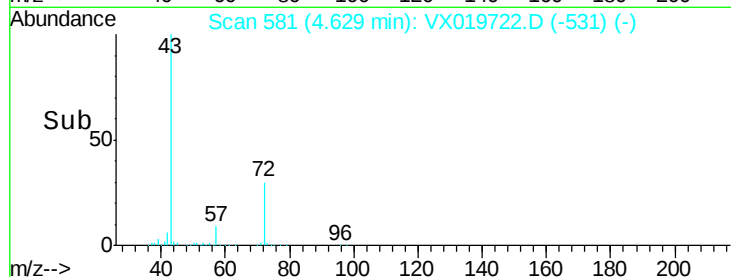
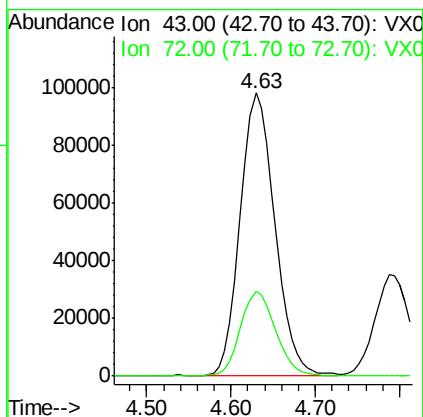
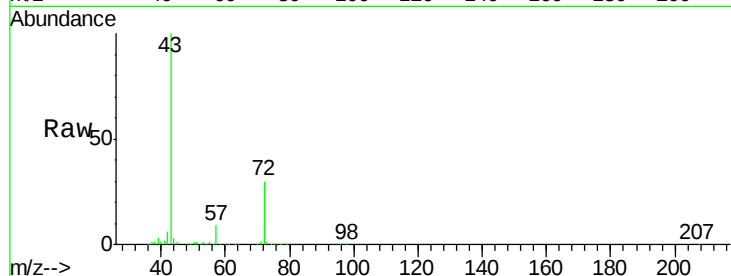
72 29.8 23.7 35.5

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:00 AM



#26

2,2-Dichloropropane

Concen: 20.458 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019722.D

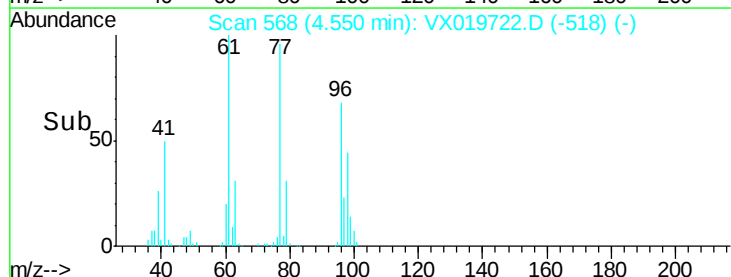
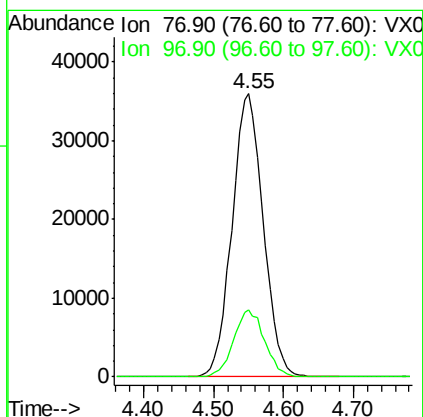
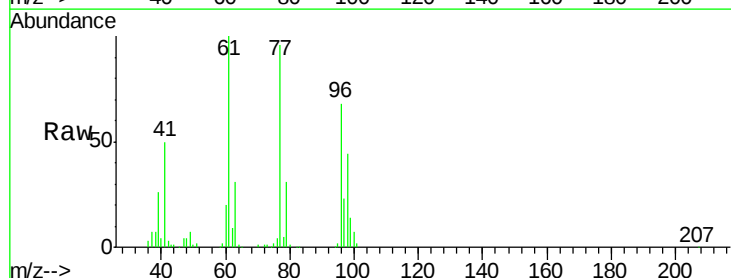
Acq: 04 Dec 2020 17:21

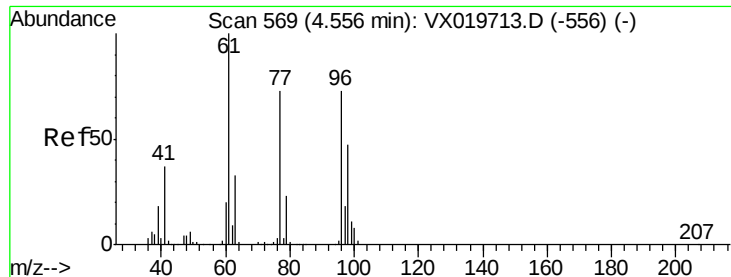
Tgt Ion: 77 Resp: 111316

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

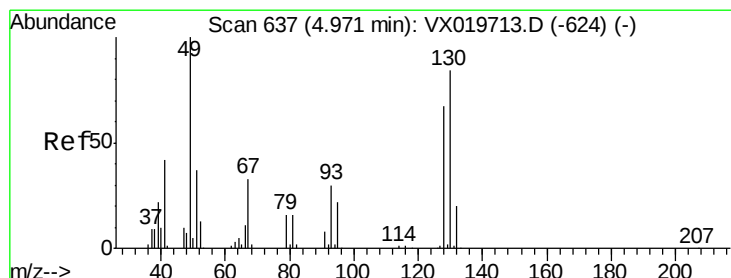
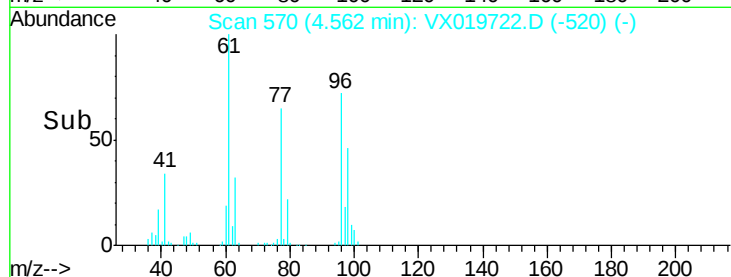
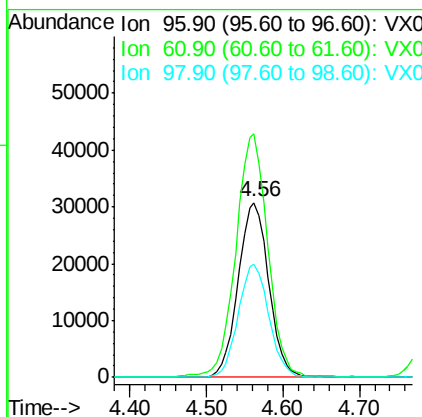
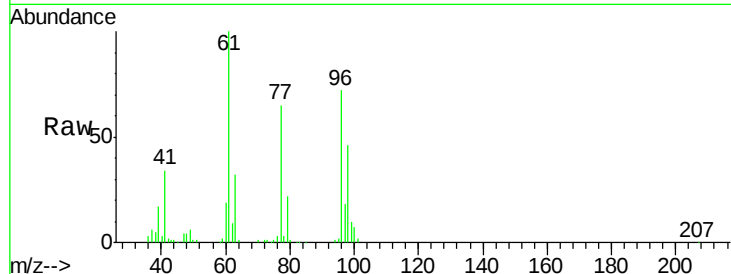
cis-1,2-Dichloroethene
Concen: 20.430 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.9	0.0	285.6	
98	64.7	0.0	129.6	

Manual Integrations
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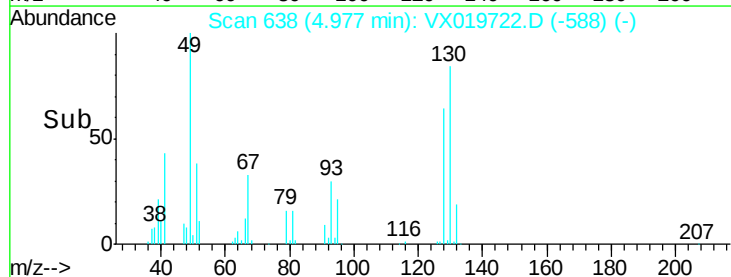
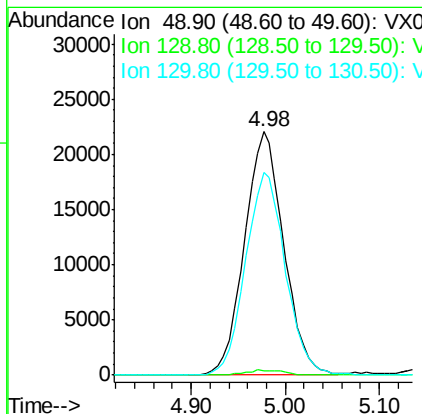
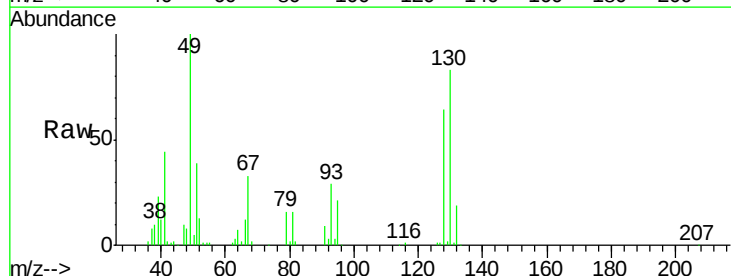
MMDadoda
12/7/2020 10:53:00 AM

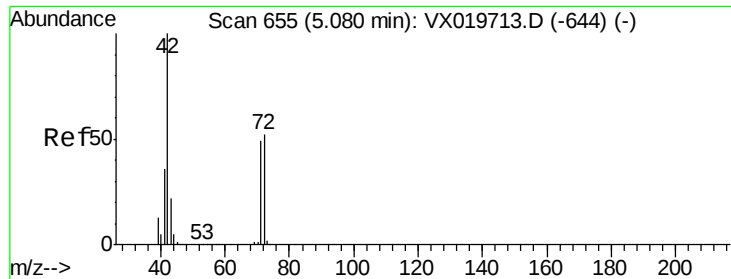


#28

Bromochloromethane
Concen: 21.352 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	84.5	68.2	102.2	





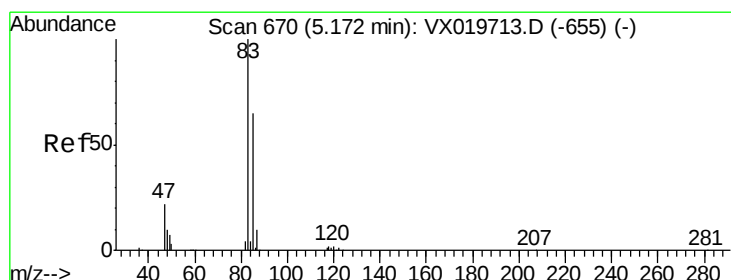
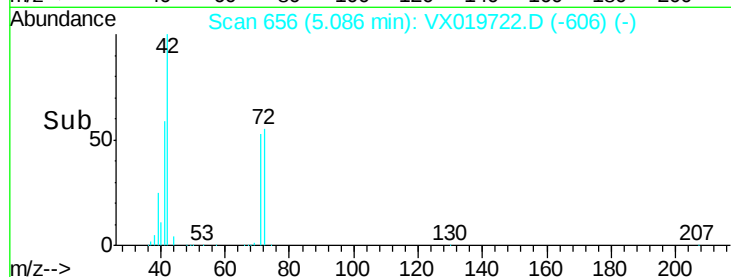
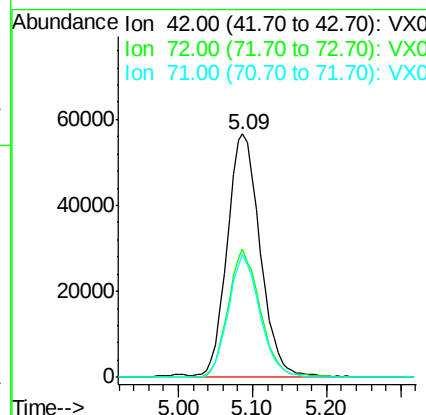
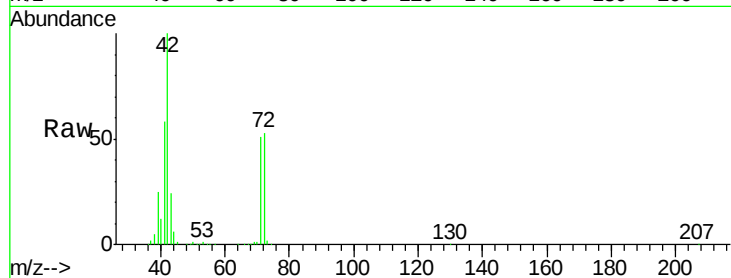
#29
Tetrahydrofuran
Concen: 105.557 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	41.7	62.5
71	49.0	38.4	57.6

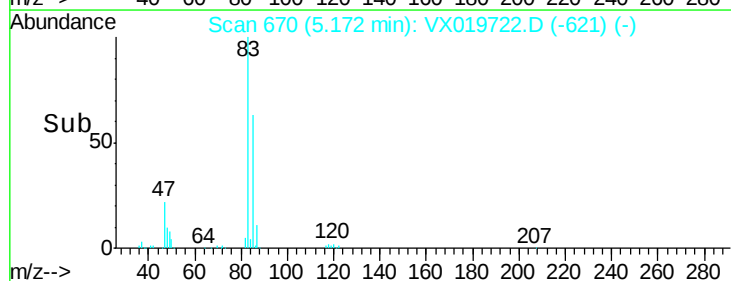
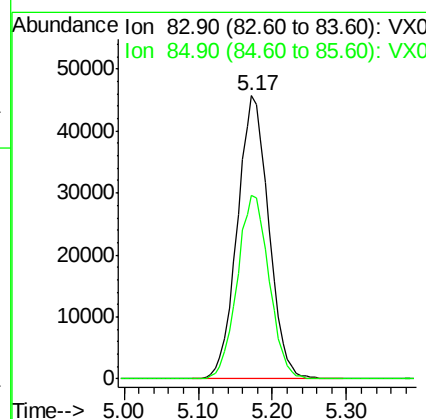
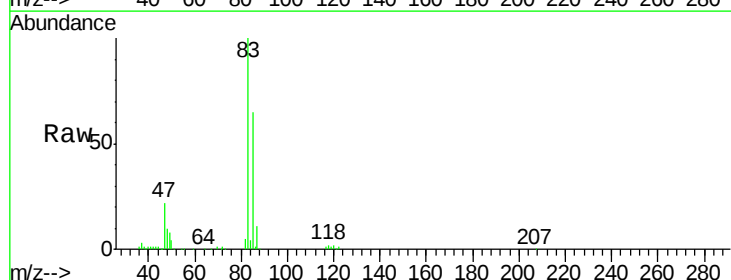
Manual Integrations
APPROVED

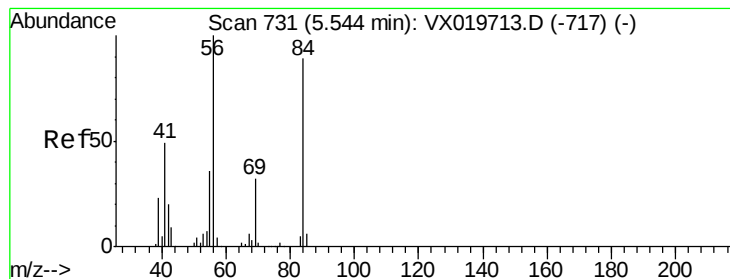
MMDadoda
12/7/2020 10:53:00 AM



#30
Chloroform
Concen: 20.797 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.0	78.0





#31

Cvclohexane

Concen: 20.902 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

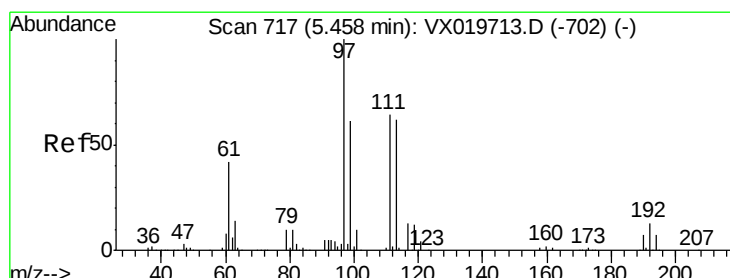
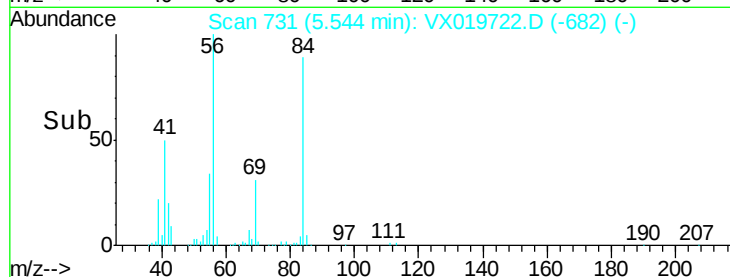
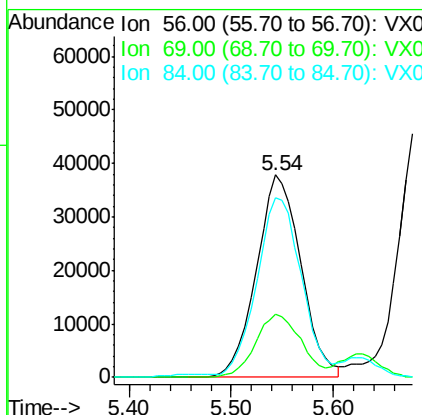
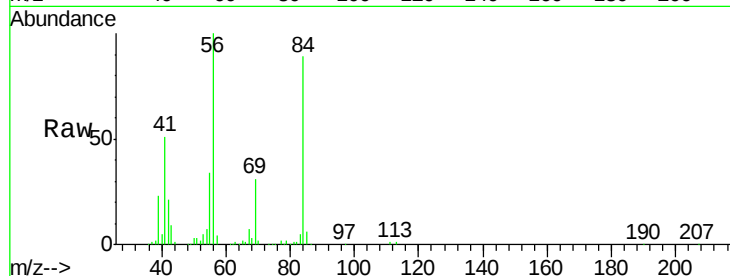
ClientSampleId :

VX1204WBS01

Tot Ion:	56	Resp:	114445
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.3	37.9
84	87.7	71.4	107.0

Manual Integrations
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MMDadoda
12/7/2020 10:53:00 AM



#32

1,1,1-Trichloroethane

Concen: 20.778 ug/l

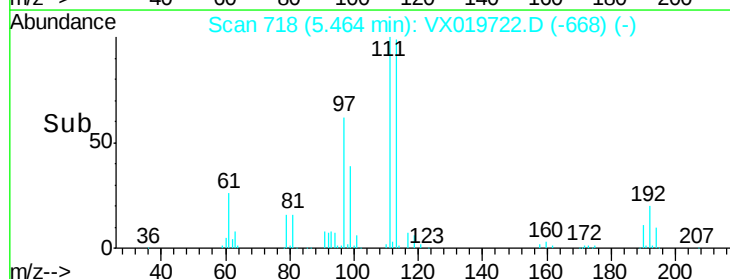
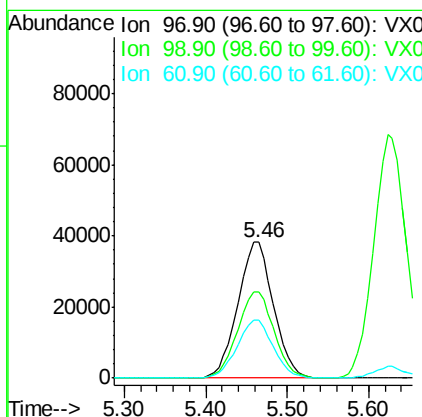
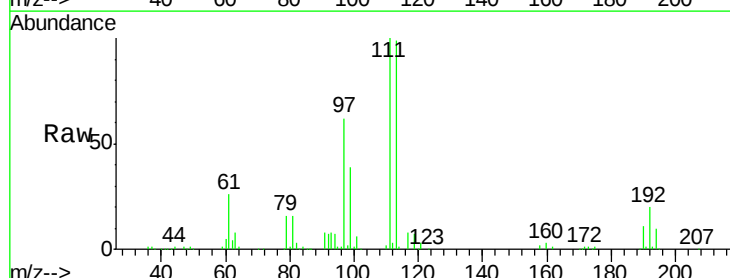
RT: 5.46 min Scan# 718

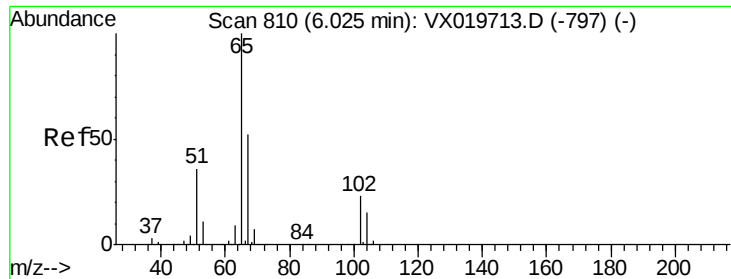
Delta R.T. 0.01 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion:	97	Resp:	116253
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	43.1	34.2	51.4





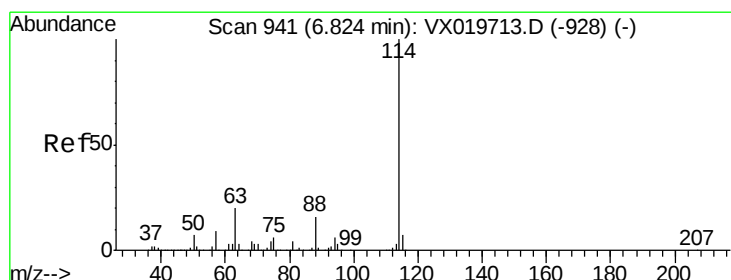
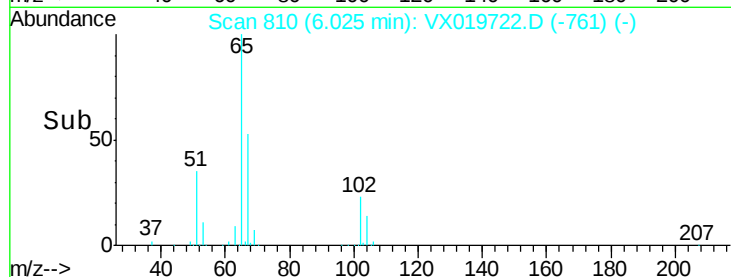
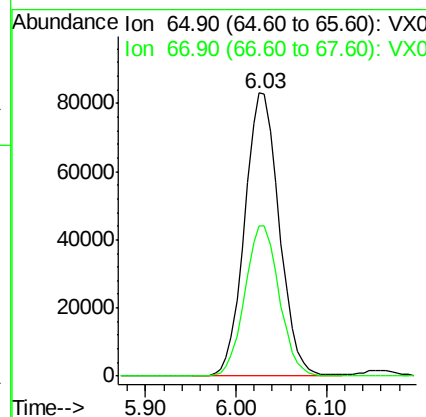
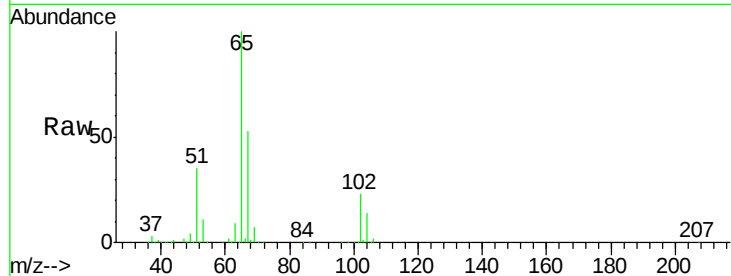
#33
 1,2-Dichloroethane-d4
 Concen: 49.873 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219522		
67	52.9	0.0	105.4	

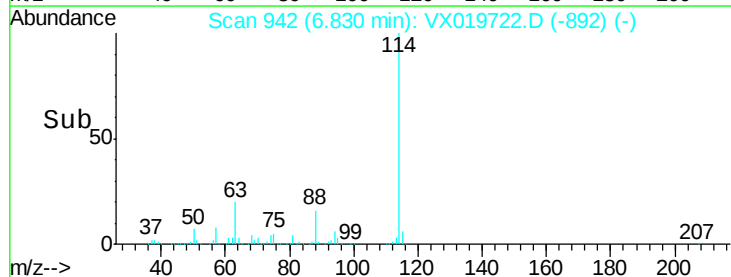
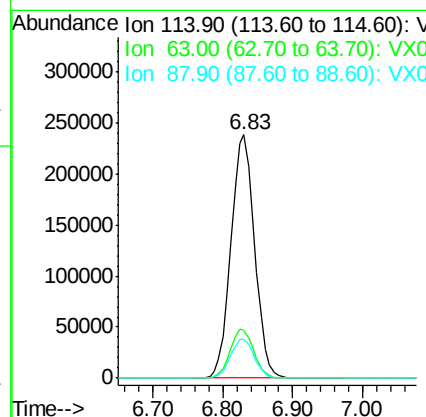
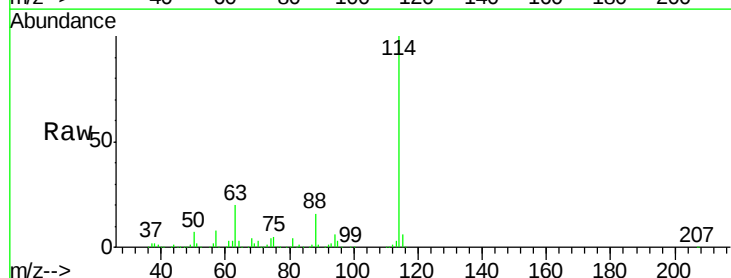
Manual Integrations
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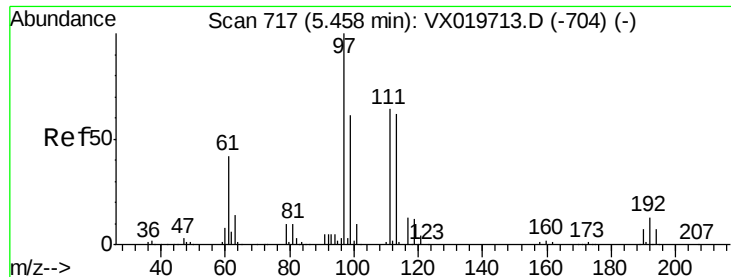
MMDadoda
 12/7/2020 10:53:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	558197		
63	19.9	0.0	40.8	
88	15.9	0.0	32.8	





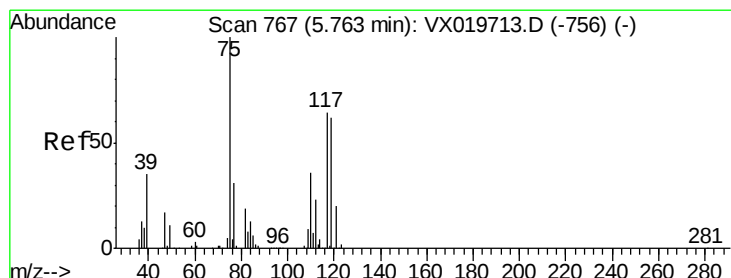
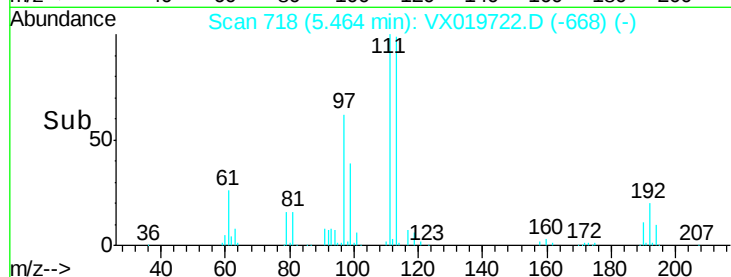
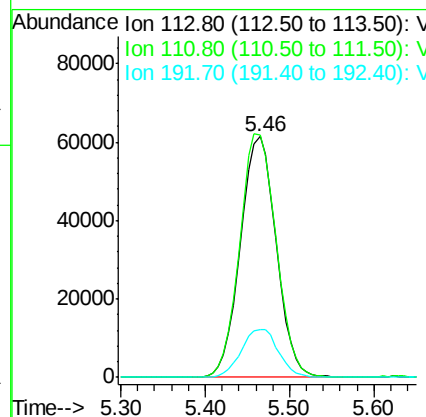
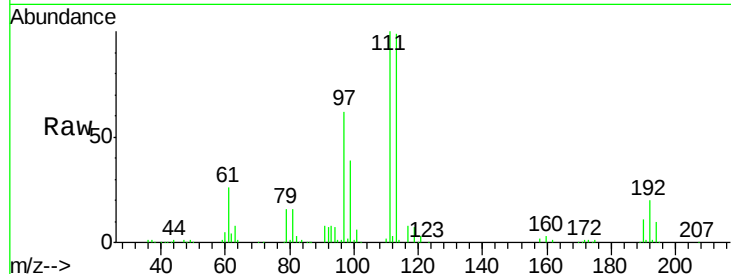
#35
 Dibromofluoromethane
 Concen: 48.959 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	176623		
111	102.8	81.9	122.9	
192	20.6	16.7	25.1	

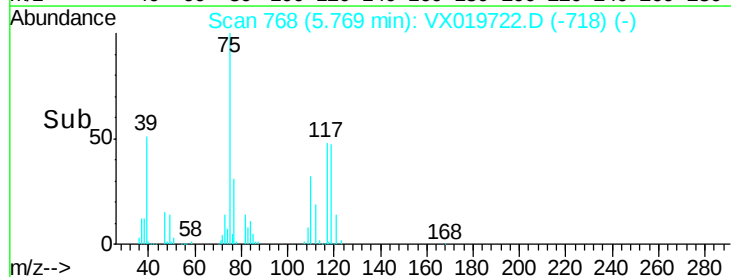
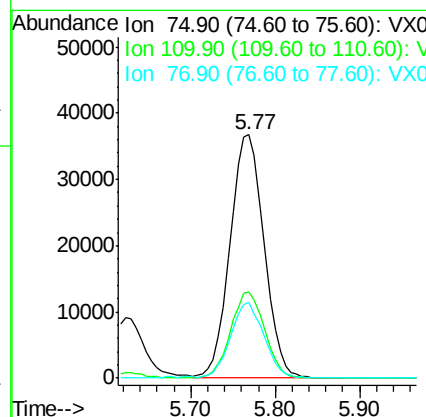
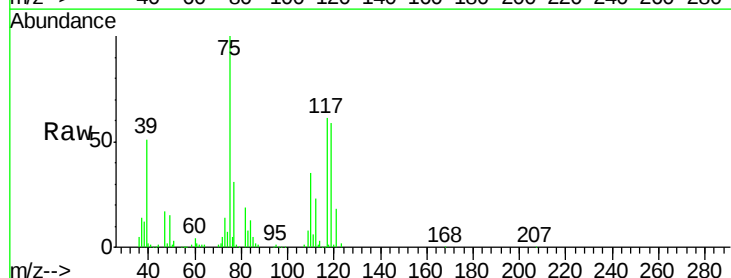
Manual Integrations
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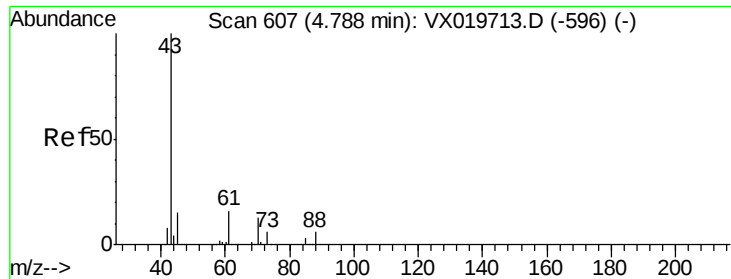
MMDadoda
 12/7/2020 10:53:00 AM



#36
 1,1-Dichloropropene
 Concen: 20.033 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101050		
110	35.1	18.1	54.4	
77	30.5	25.3	37.9	





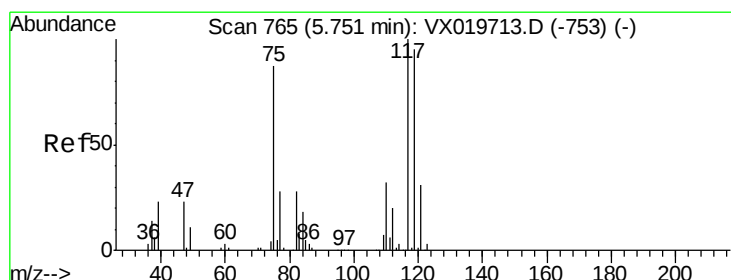
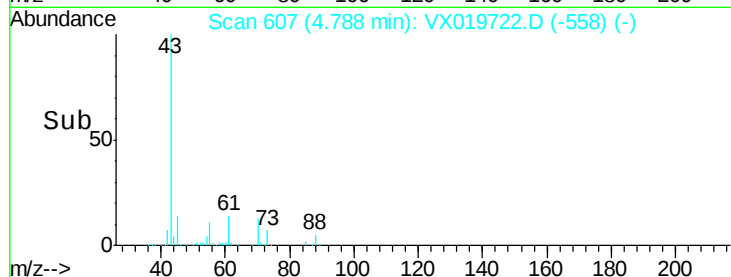
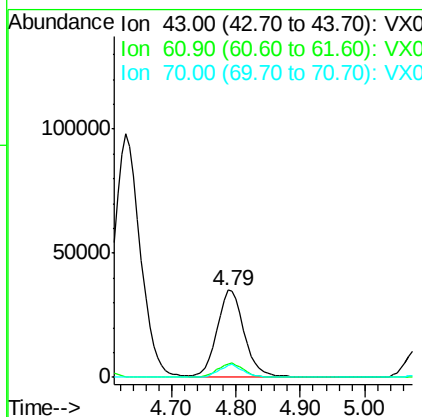
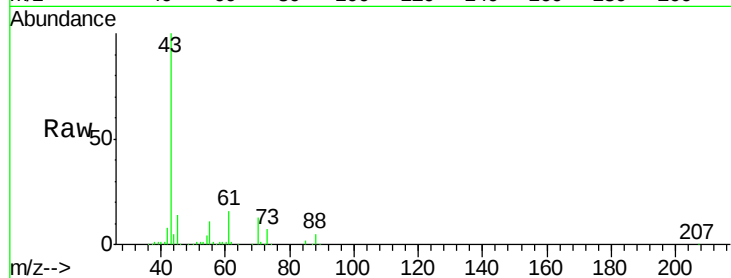
#37
Ethyl Acetate
Concen: 20.531 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.8	19.2
70	13.0	10.5	15.7

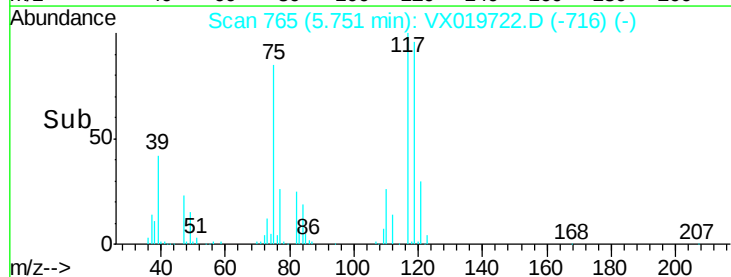
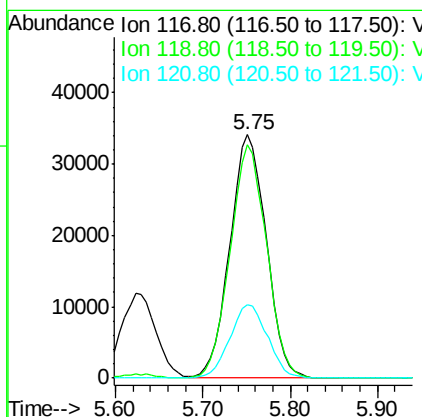
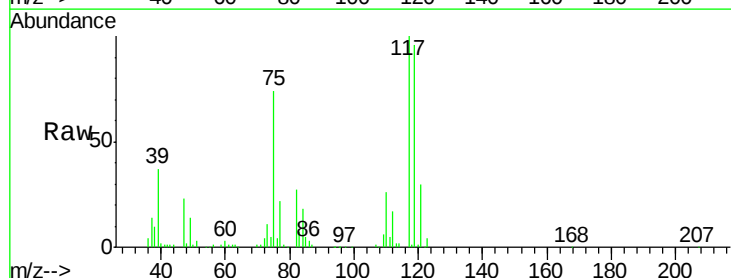
Manual Integrations
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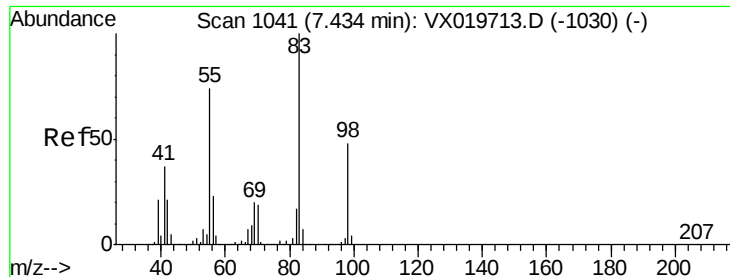
MMDadoda
12/7/2020 10:53:00 AM



#38
Carbon Tetrachloride
Concen: 19.975 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.2
121	30.0	24.8	37.2





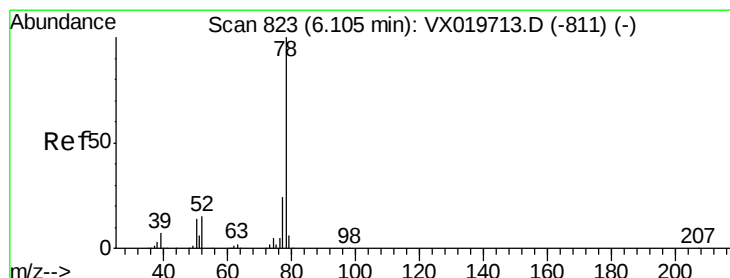
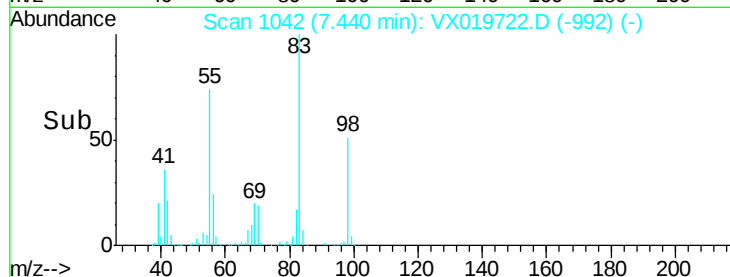
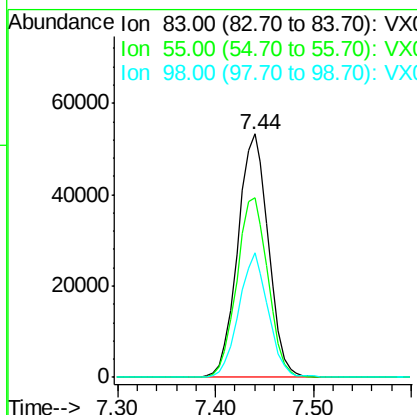
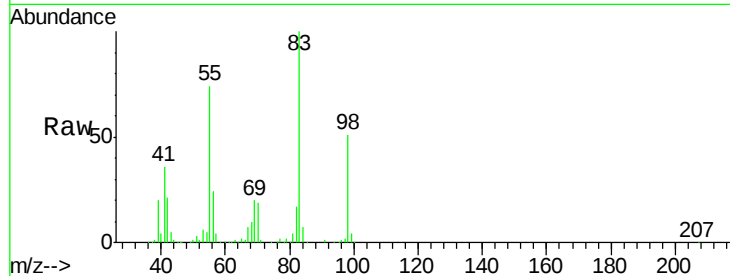
#39
Methvlcvclohexane
Concen: 19.468 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	115371		
55	73.9		58.9	88.3
98	51.0		38.1	57.1

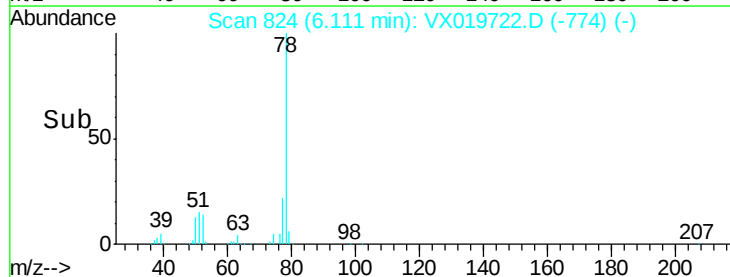
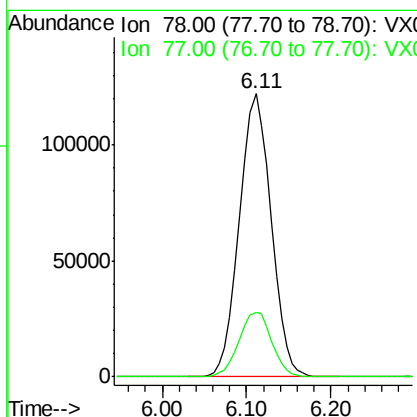
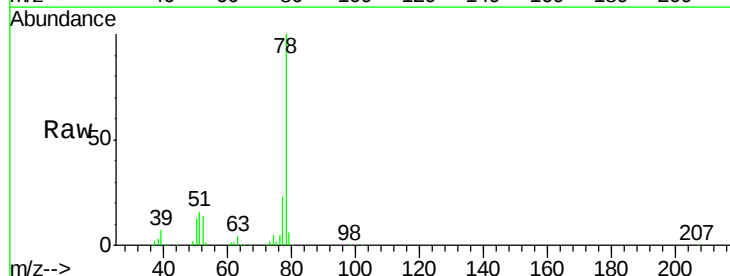
Manual Integrations
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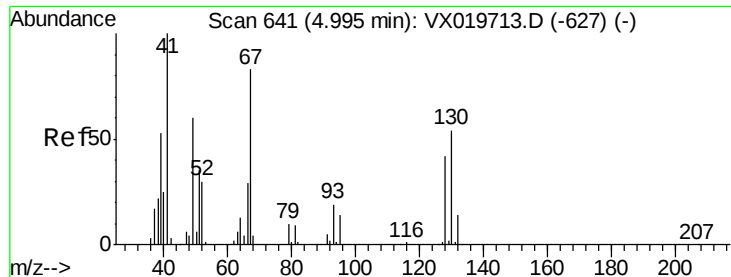
MMDadoda
12/7/2020 10:53:00 AM



#40
Benzene
Concen: 20.247 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	311975		
77	22.8		18.9	28.3





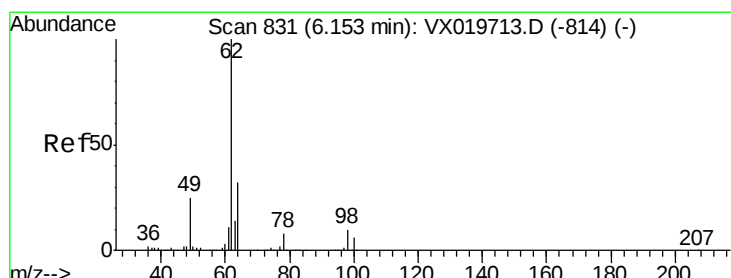
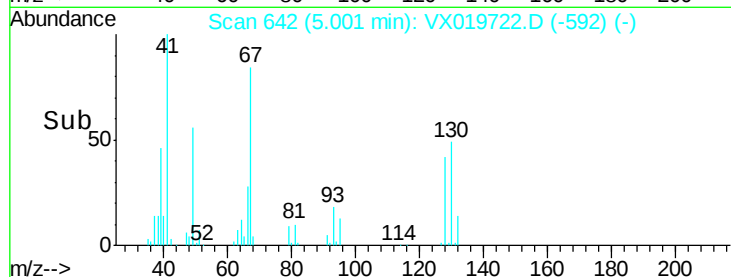
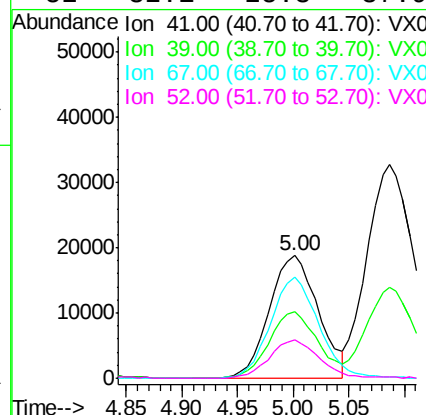
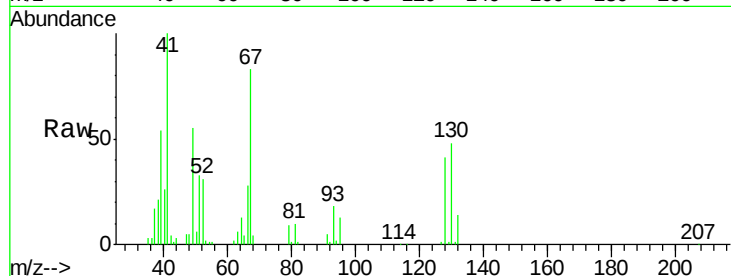
#41
Methacrylonitrile
Concen: 20.582 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.5	63.7	
67	81.7	65.0	97.6	
52	32.1	25.3	37.9	

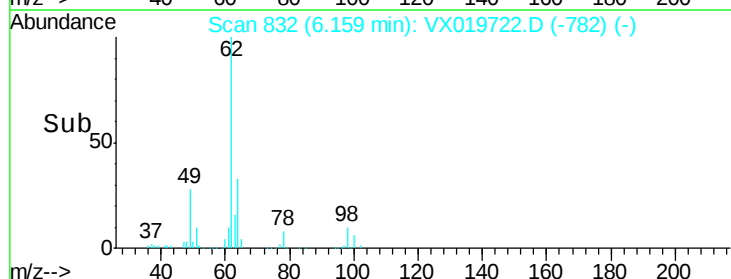
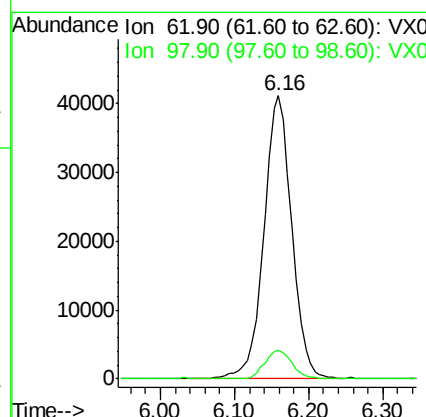
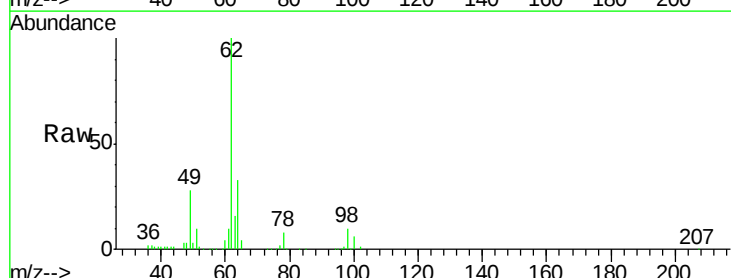
Manual Integrations
APPROVED

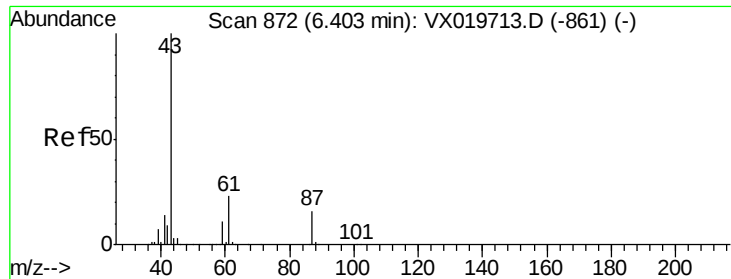
MMDadoda
12/7/2020 10:53:00 AM



#42
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.2	





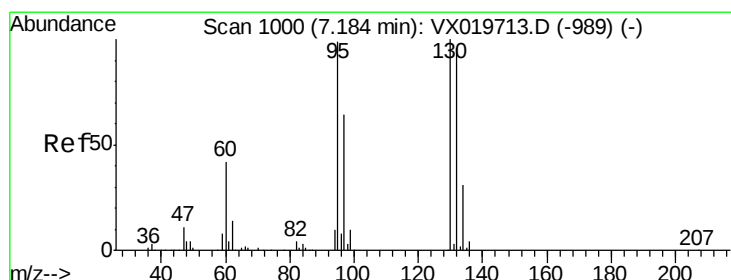
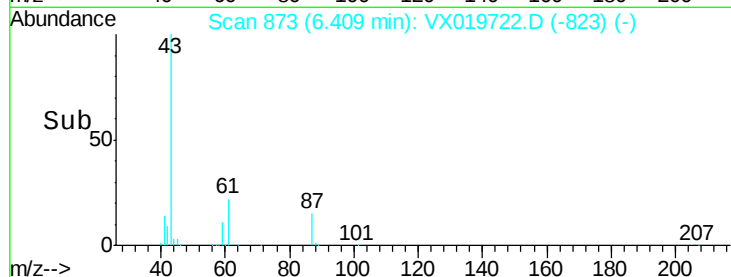
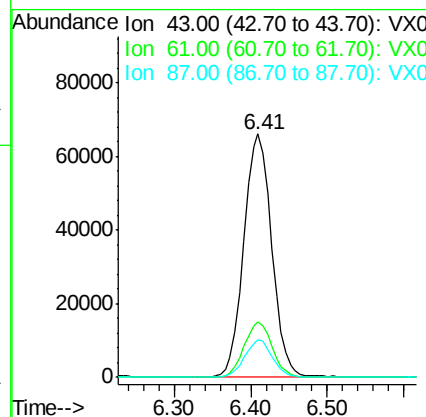
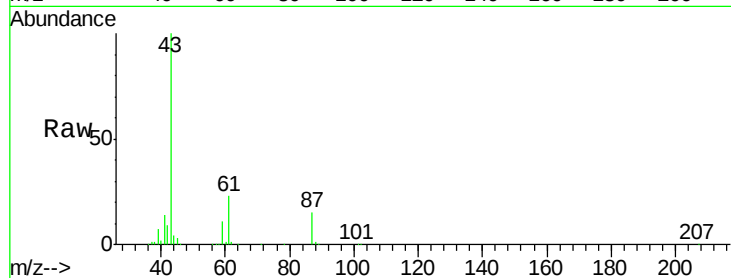
#43
Isopropyl Acetate
Concen: 20.163 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.4
87	15.2	12.5	18.7

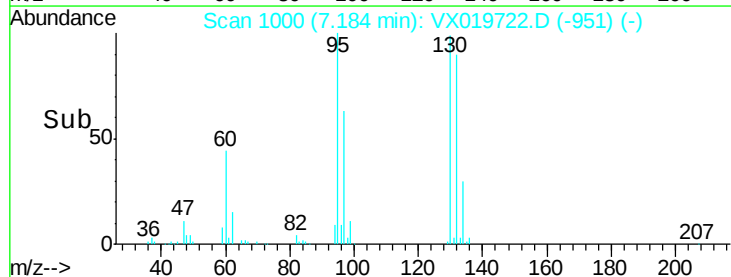
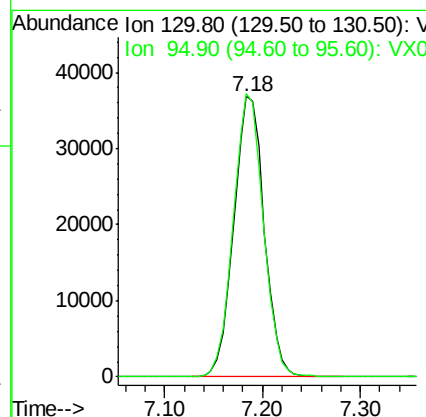
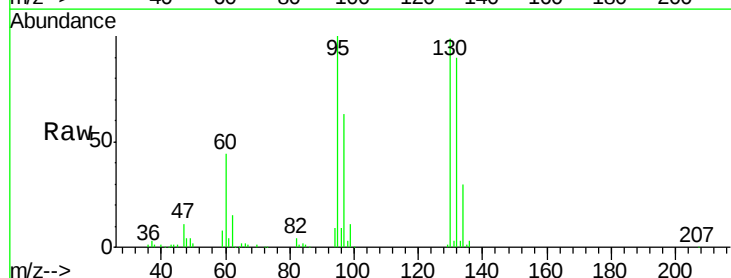
Manual Integrations
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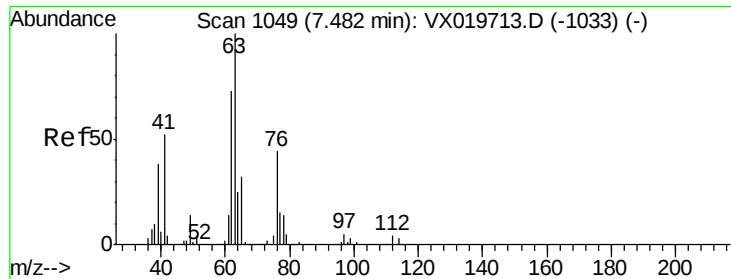
MMDadoda
12/7/2020 10:53:00 AM



#44
Trichloroethene
Concen: 19.629 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	198.0





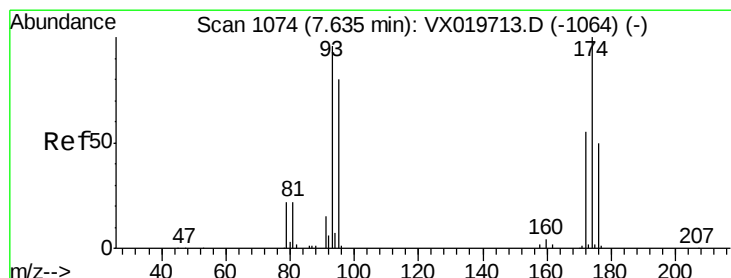
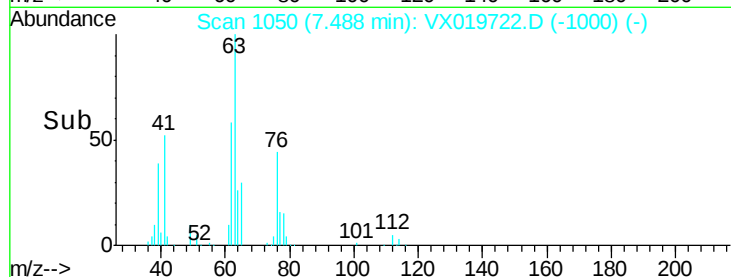
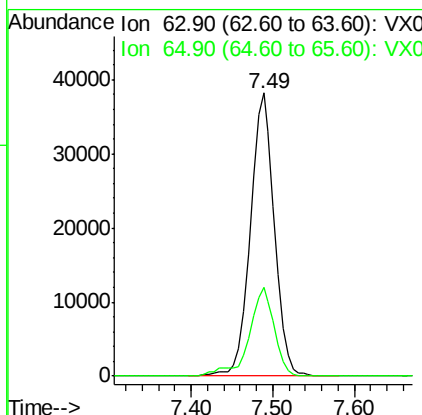
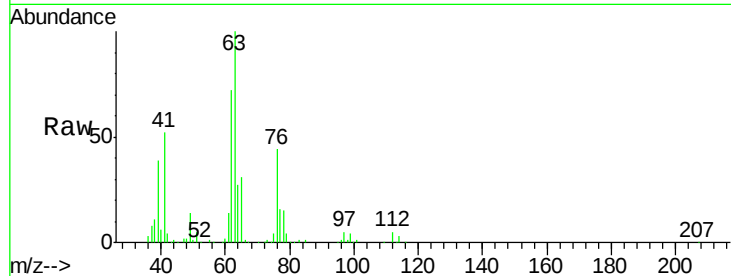
#45
 1,2-Dichloropropane
 Concen: 20.393 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX1204WBS01

Tot Ion: 63 Resp: 78533
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.7 38.5

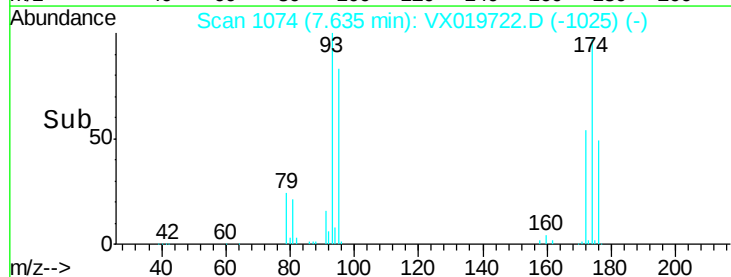
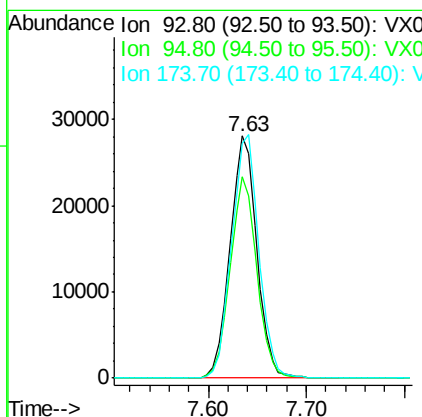
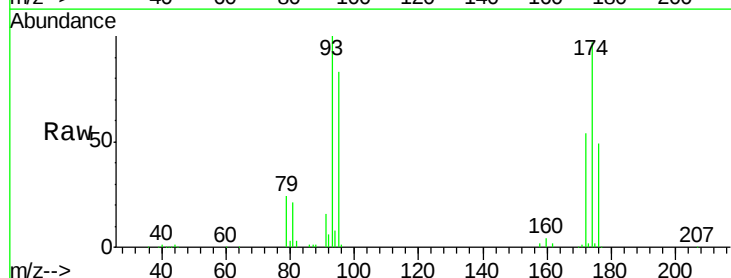
Manual Integrations
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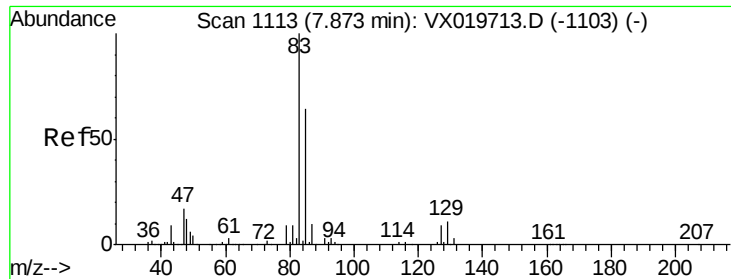
MMDadoda
 12/7/2020 10:53:00 AM



#46
 Dibromomethane
 Concen: 20.387 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion: 93 Resp: 53018
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 102.7 83.1 124.7





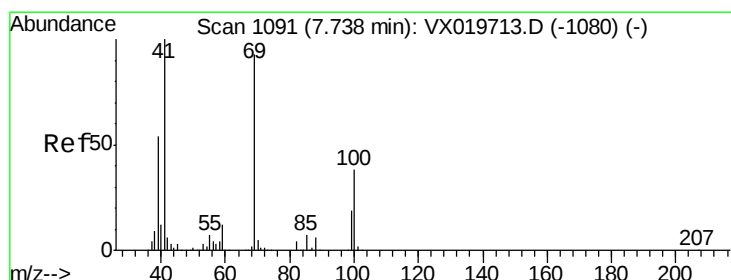
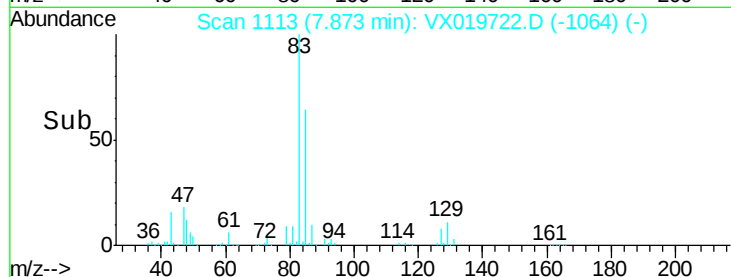
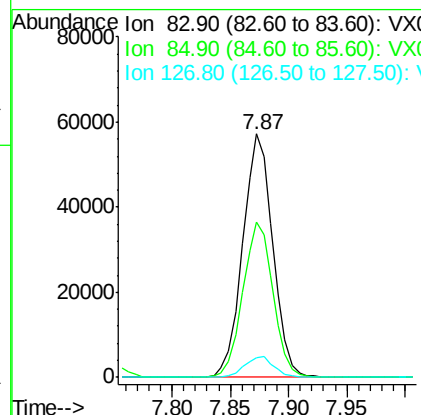
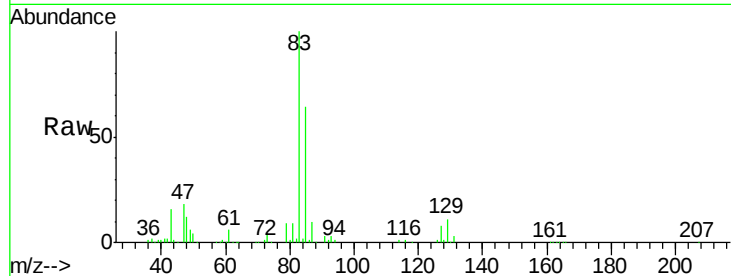
#47
Bromodichloromethane
Concen: 19.950 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	102947		
85	63.6		51.4	77.0
127	8.0		6.8	10.2

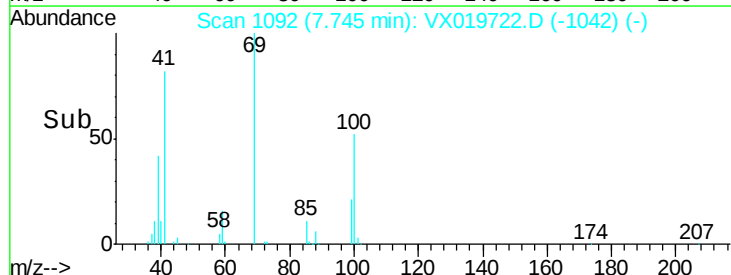
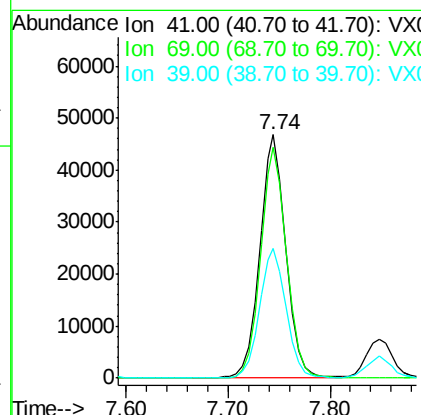
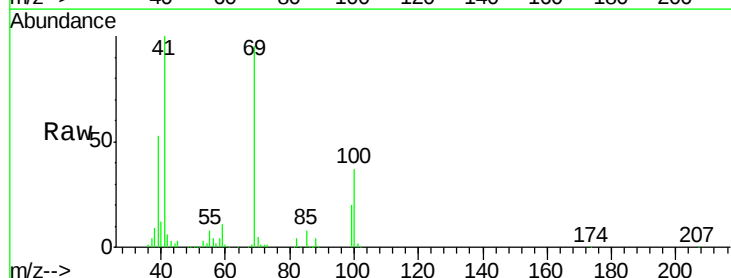
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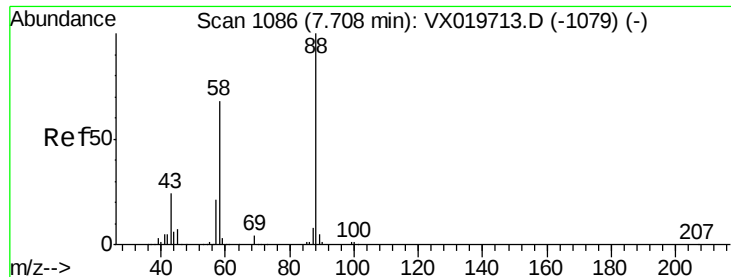
MMDadoda
12/7/2020 10:53:00 AM



#48
Methyl methacrylate
Concen: 20.372 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	82958		
69	94.4		76.0	114.0
39	54.7		44.6	67.0





#49

1,4-Dioxane

Concen: 420.716 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

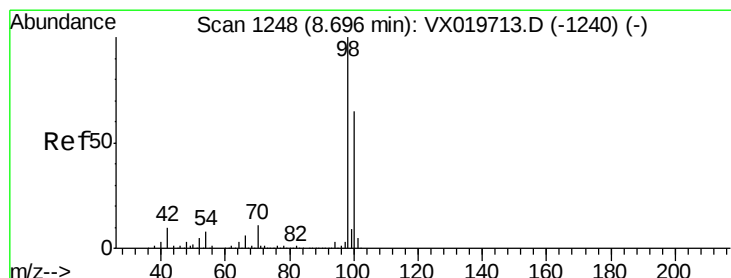
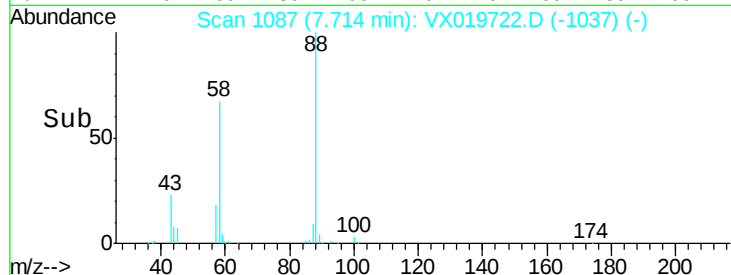
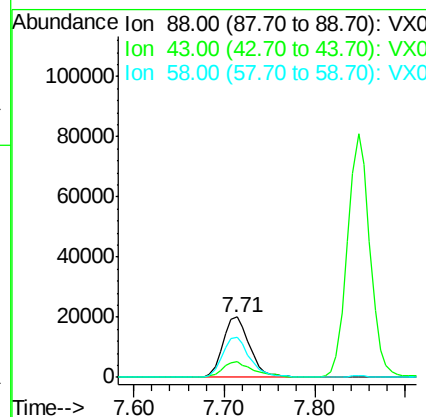
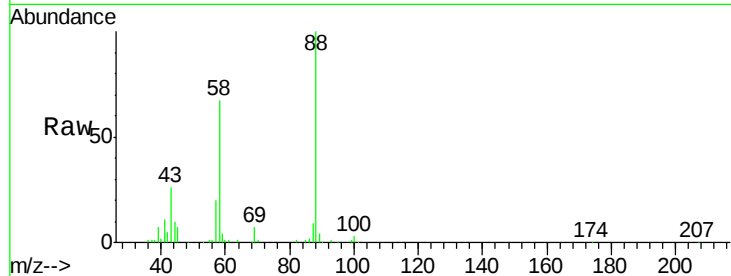
ClientSampleId :

VX1204WBS01

Tot Ion:	88	Resp:	41502
Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.2	34.8
58	67.9	55.0	82.4

Manual Integrations
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12/7/2020 10:53:00 AM



#50

Toluene-d8

Concen: 49.854 ug/l

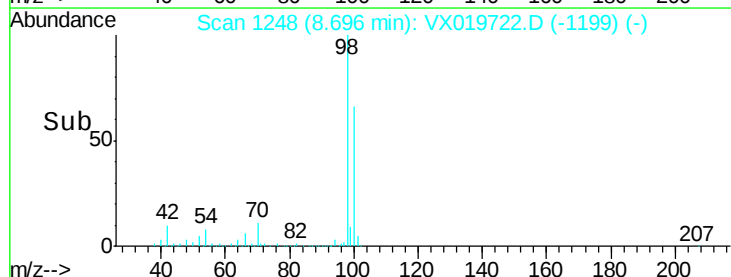
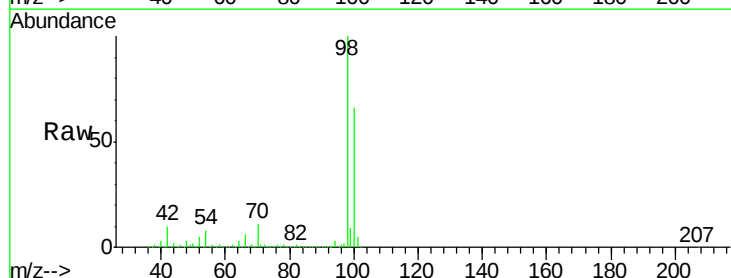
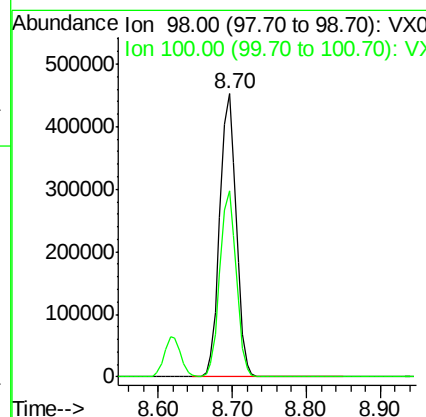
RT: 8.70 min Scan# 1248

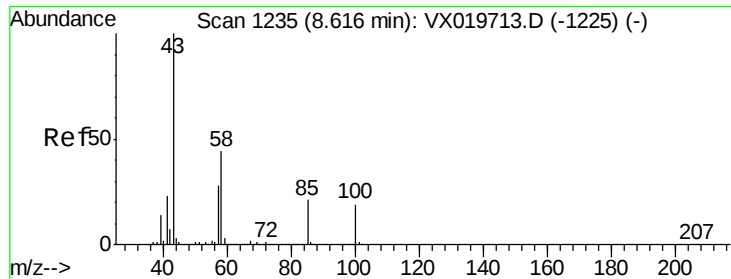
Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion:	98	Resp:	686625
Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9





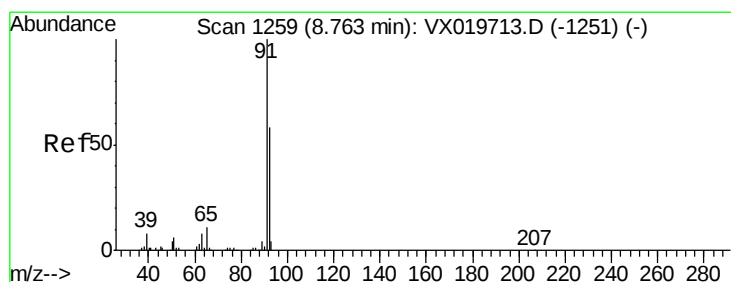
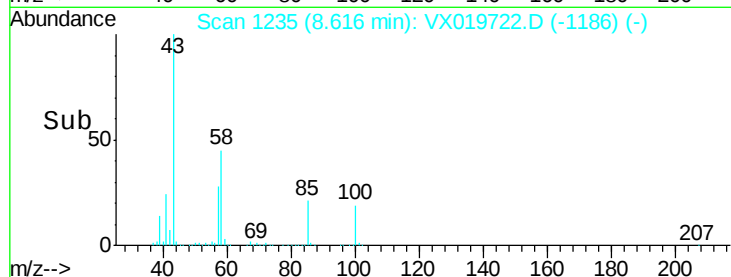
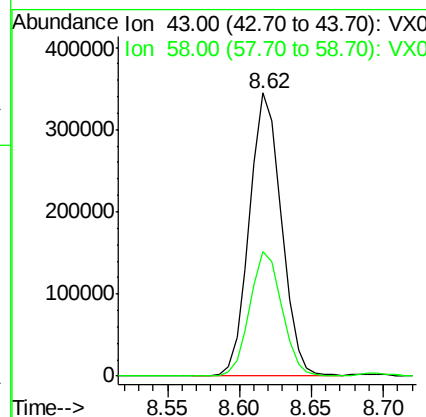
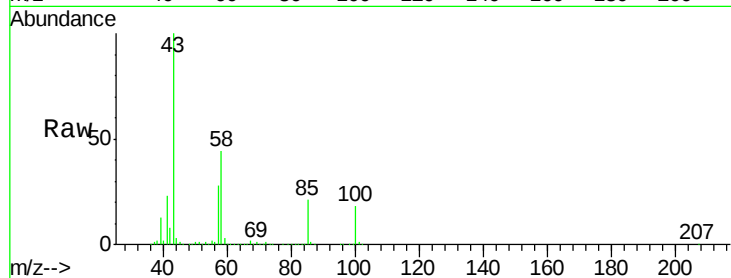
#51
4-Methyl-2-Pentanone
Concen: 104.454 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.4	53.0

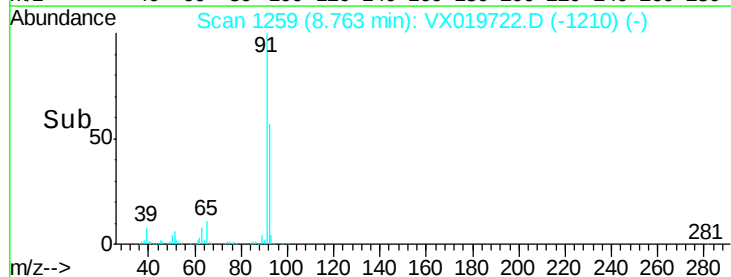
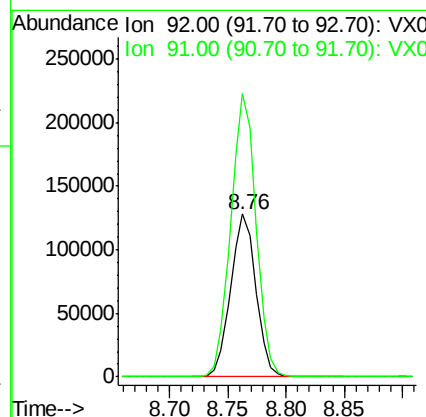
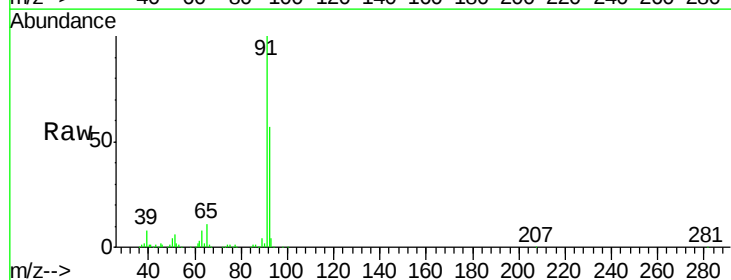
Manual Integrations
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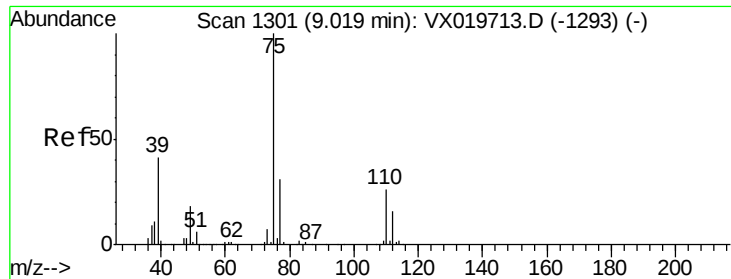
MMDadoda
12/7/2020 10:53:00 AM



#52
Toluene
Concen: 19.996 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.2	137.1	205.7





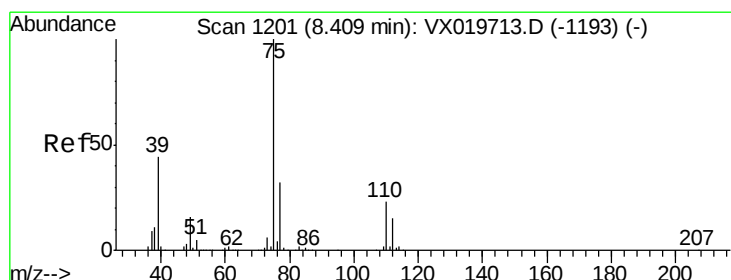
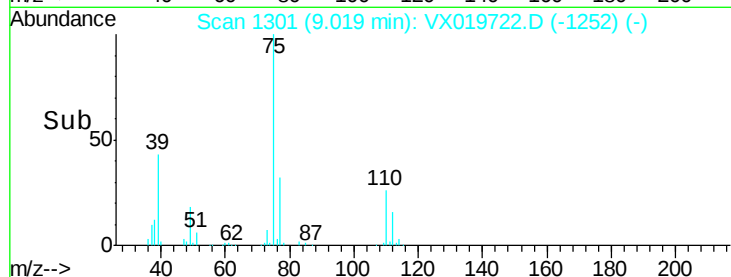
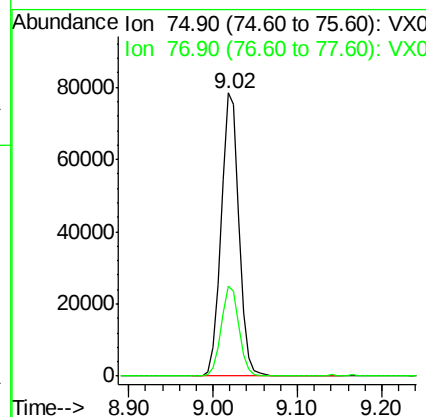
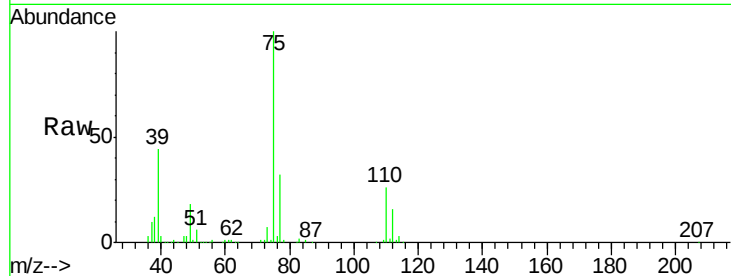
#53
t-1,3-Dichloropropene
Concen: 20.041 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

Tot Ion: 75 Resp: 114764
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3

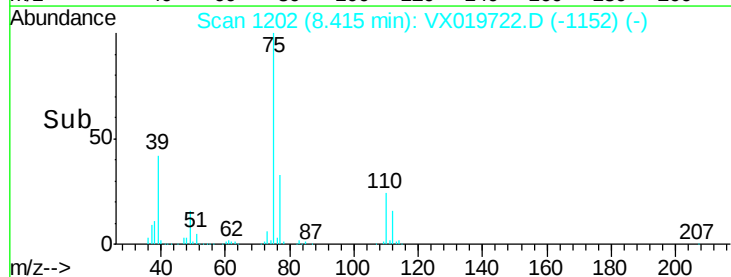
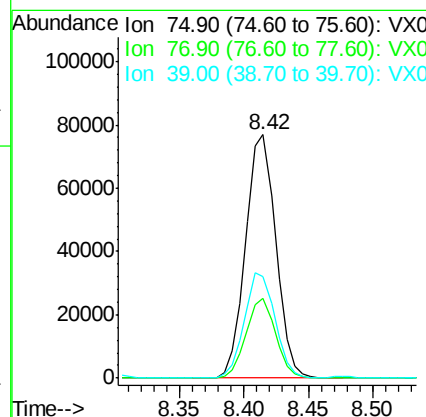
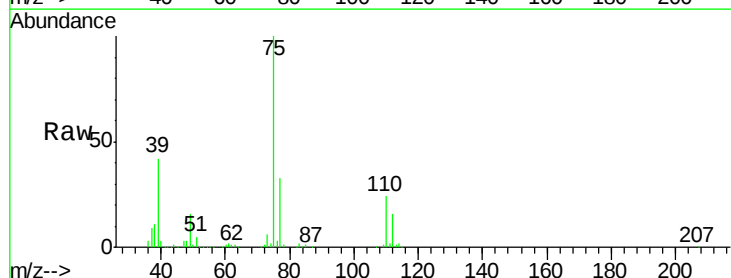
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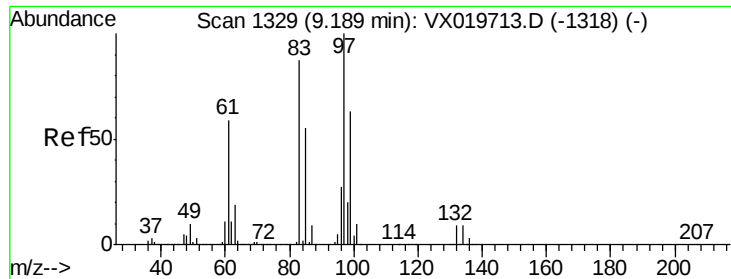
MMDadoda
12/7/2020 10:53:00 AM



#54
cis-1,3-Dichloropropene
Concen: 20.117 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion: 75 Resp: 125152
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
39 41.5 35.1 52.7





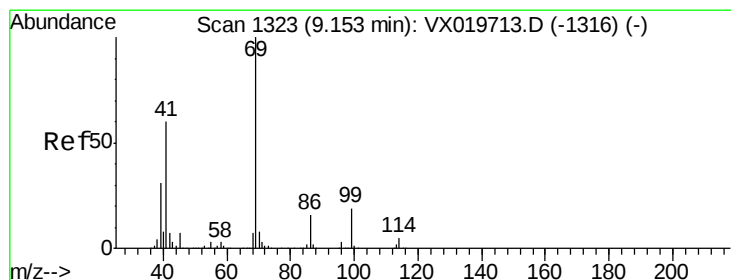
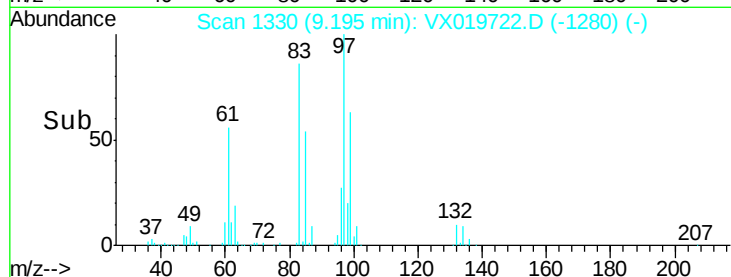
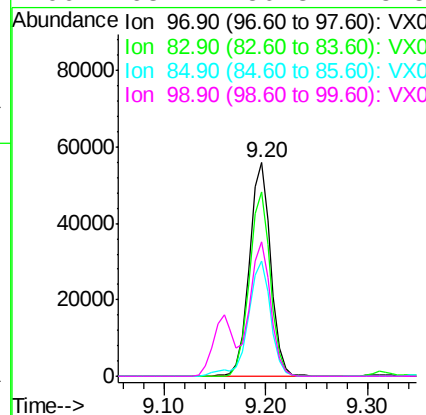
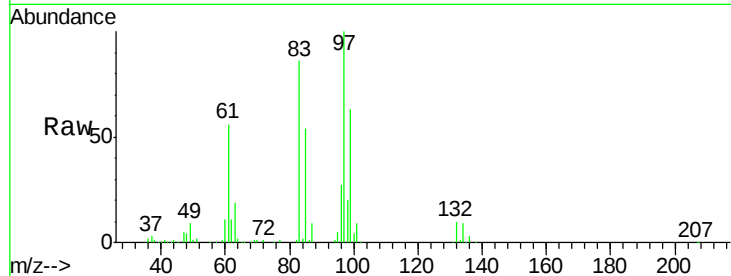
#55
 1,1,2-Trichloroethane
 Concen: 20.811 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion:	97	Resp:	80819
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.3	103.9
85	54.1	44.3	66.5
99	63.2	50.3	75.5

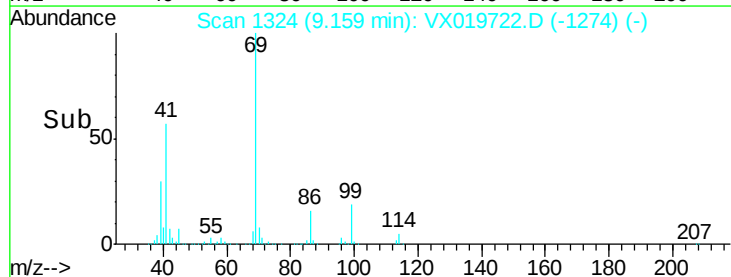
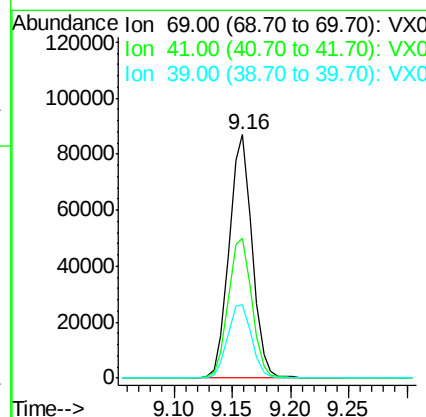
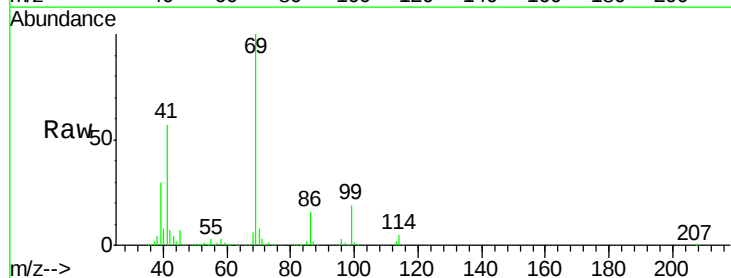
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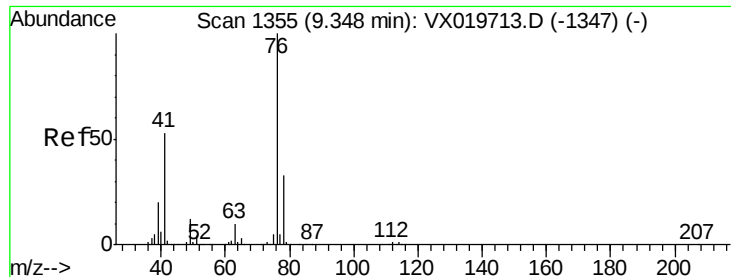
MMDadoda
 12/7/2020 10:53:00 AM



#56
 Ethyl methacrylate
 Concen: 20.234 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion:	69	Resp:	118889
Ion	Ratio	Lower	Upper
69	100		
41	59.0	46.8	70.2
39	31.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 20.350 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tot Ion: 76 Resp: 134945

Ion Ratio Lower Upper

76 100

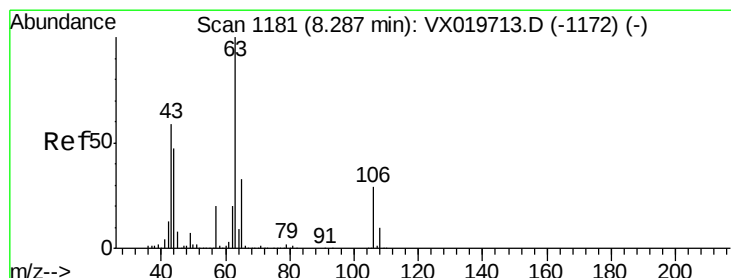
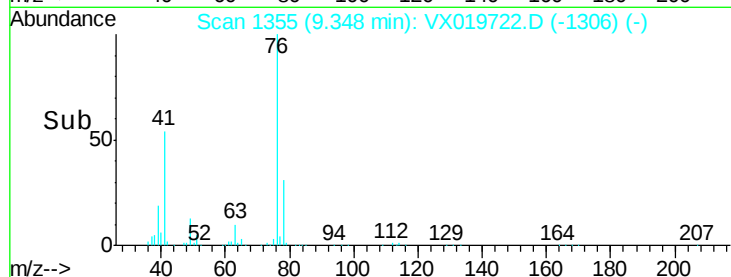
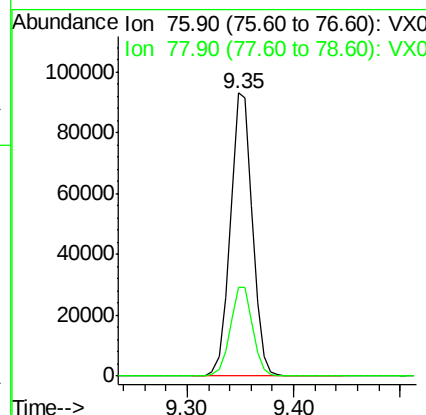
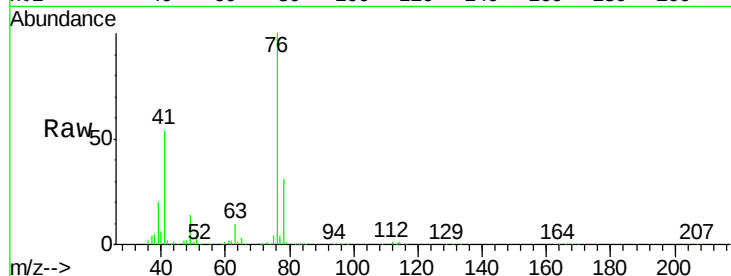
78 32.0 26.2 39.2

Manual Integrations

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MMDadoda

12/7/2020 10:53:00 AM



#58

2-Chloroethyl Vinyl ether

Concen: 101.142 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019722.D

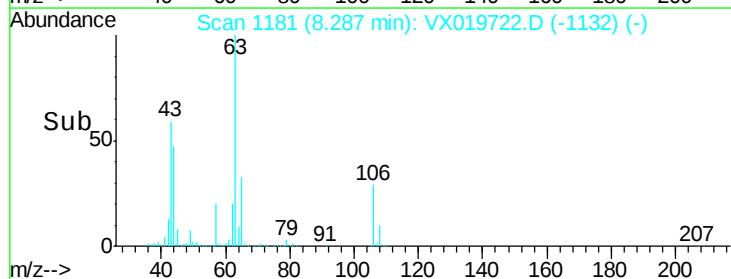
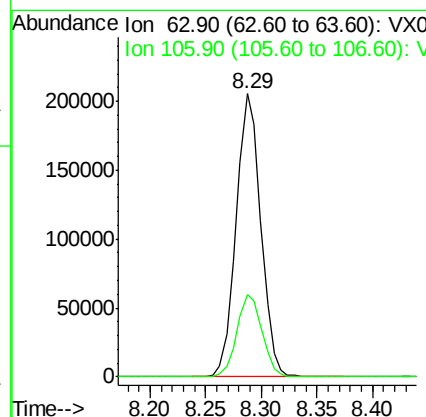
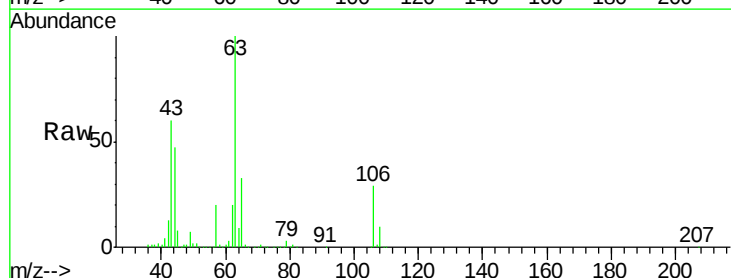
Acq: 04 Dec 2020 17:21

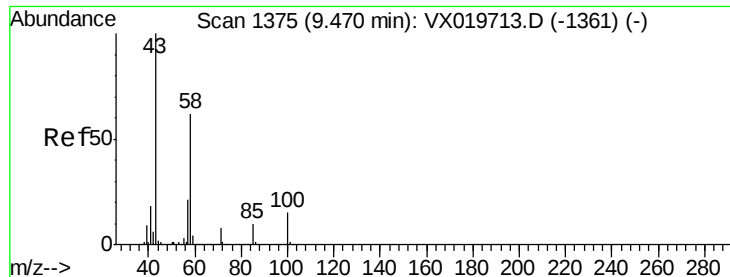
Tgt Ion: 63 Resp: 314821

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3





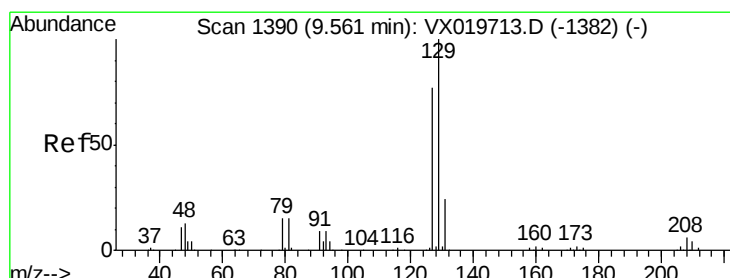
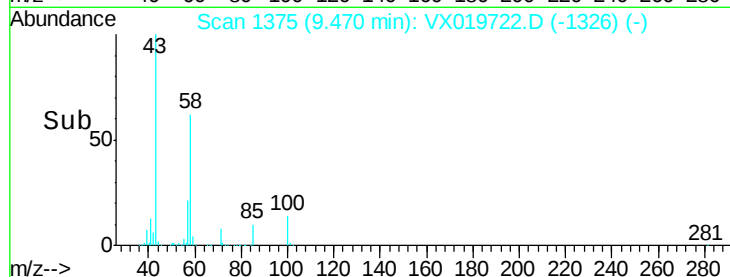
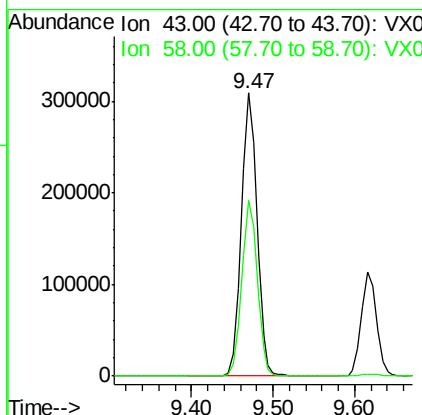
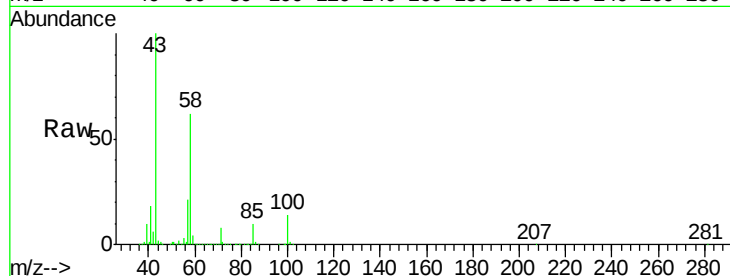
#59
2-Hexanone
Concen: 103.908 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion: 43 Resp: 407154
Ion Ratio Lower Upper
43 100
58 61.8 30.9 92.8

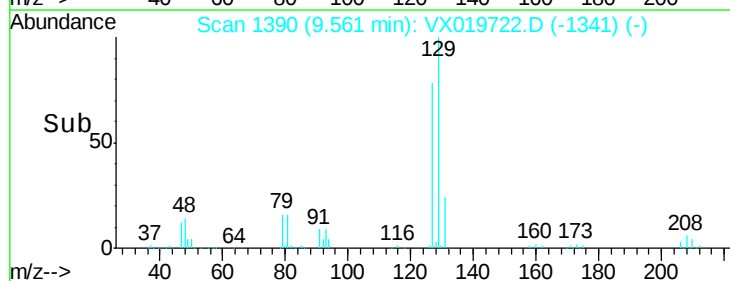
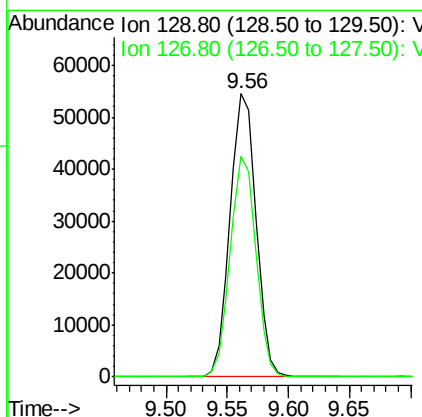
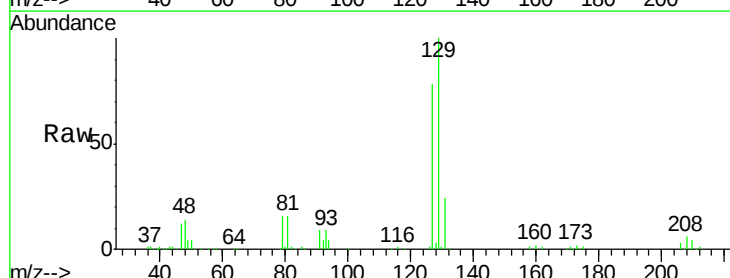
Manual Integrations
APPROVED

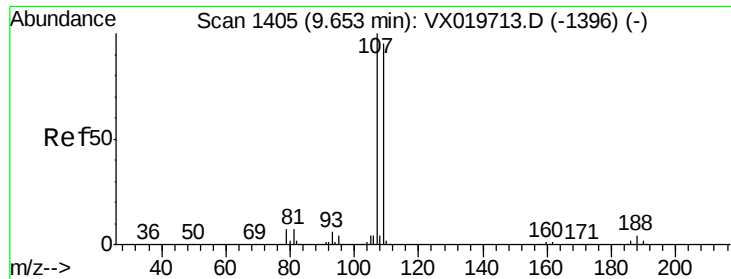
MMDadoda
12/7/2020 10:53:00 AM



#60
Dibromochloromethane
Concen: 20.288 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion: 129 Resp: 80049
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





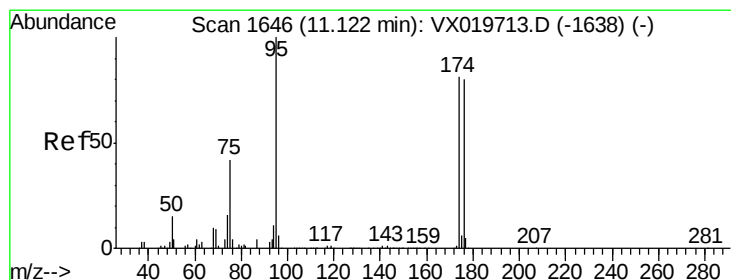
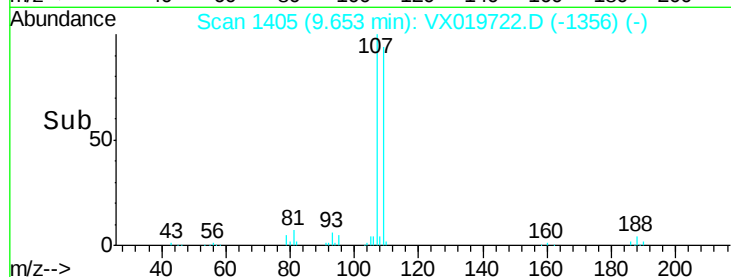
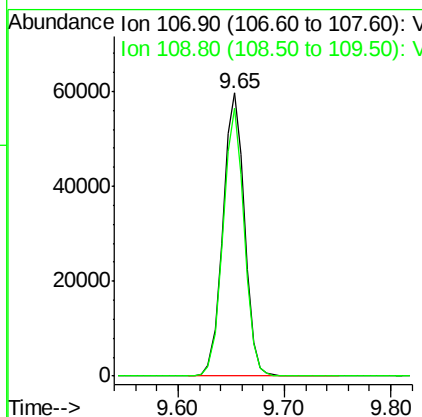
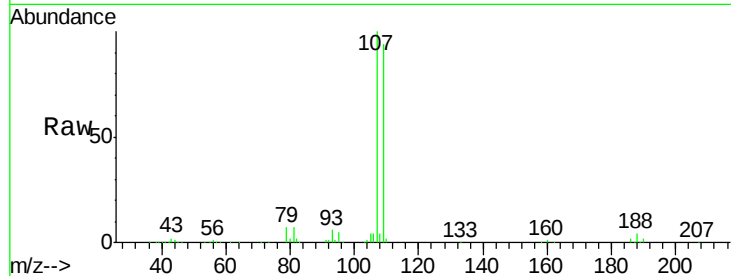
#61
 1,2-Dibromoethane
 Concen: 20.466 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.8	113.6

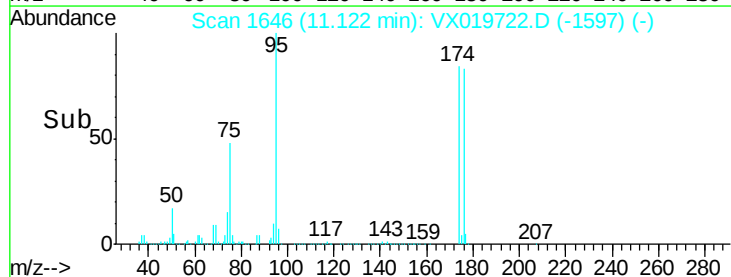
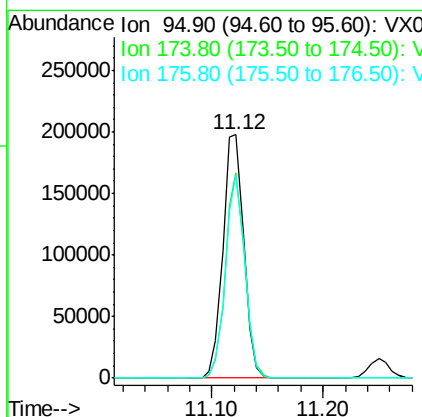
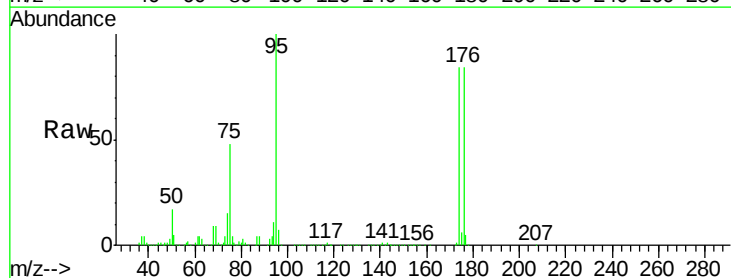
Manual Integrations
 APPROVED

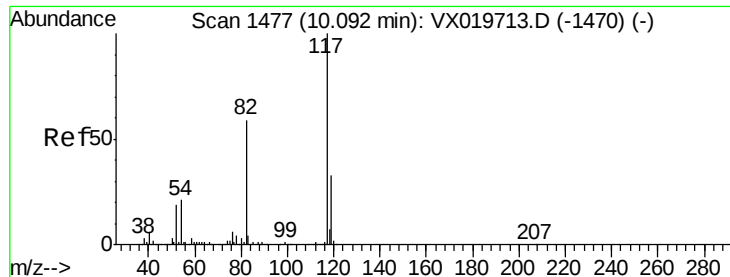
MMDadoda
 12/7/2020 10:53:00 AM



#62
 4-Bromofluorobenzene
 Concen: 48.975 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	154.6
176	77.5	0.0	155.8





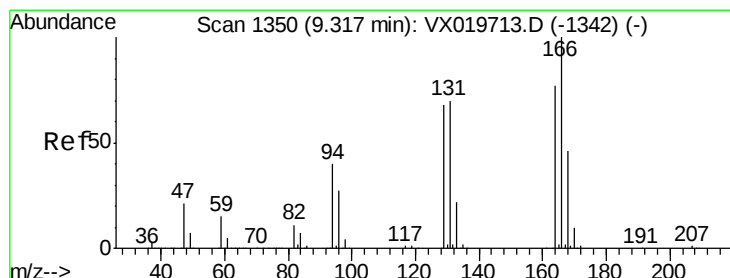
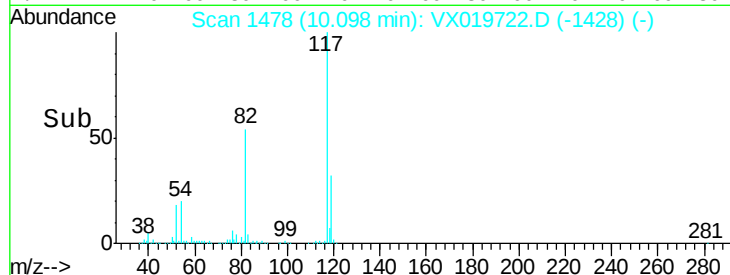
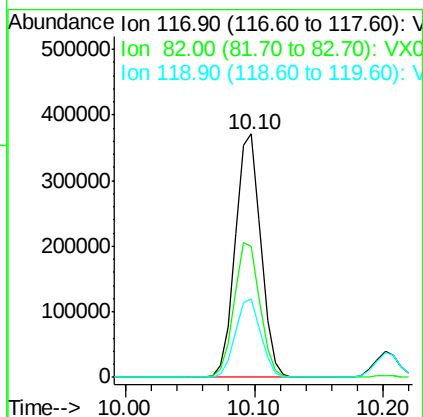
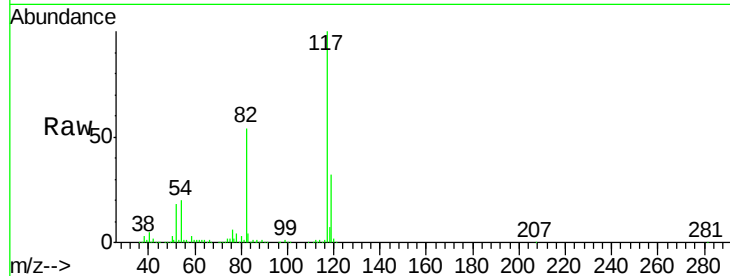
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	47.4	71.2
119	32.2	26.6	39.8

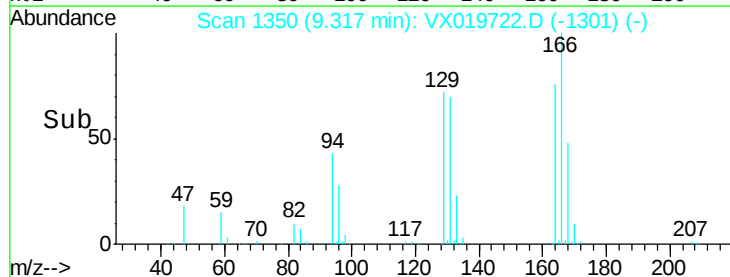
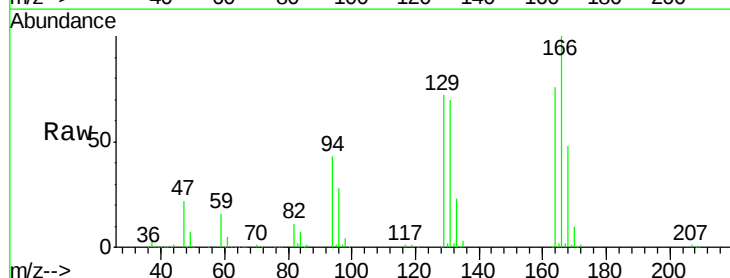
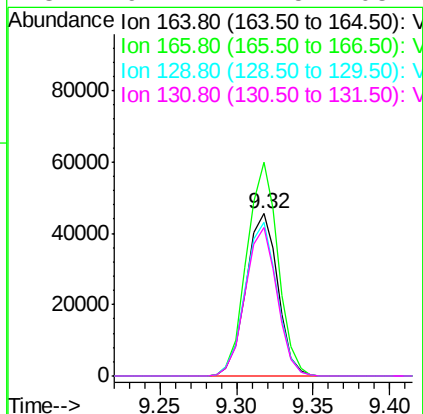
Manual Integrations
APPROVED

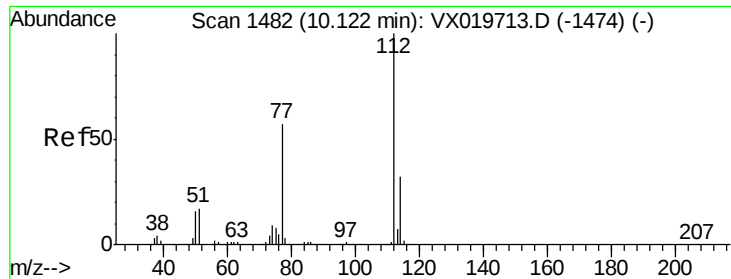
MMDadoda
12/7/2020 10:53:00 AM



#64
Tetrachloroethene
Concen: 19.195 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	103.4	155.2
129	94.8	70.8	106.2
131	91.7	72.5	108.7





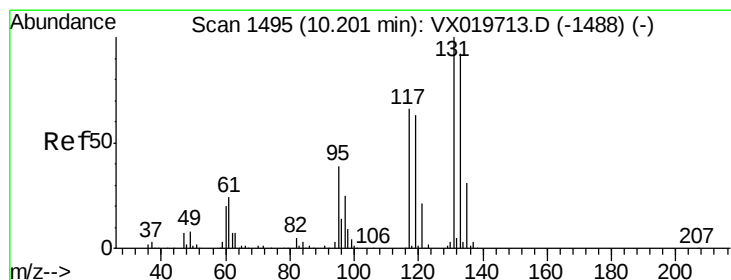
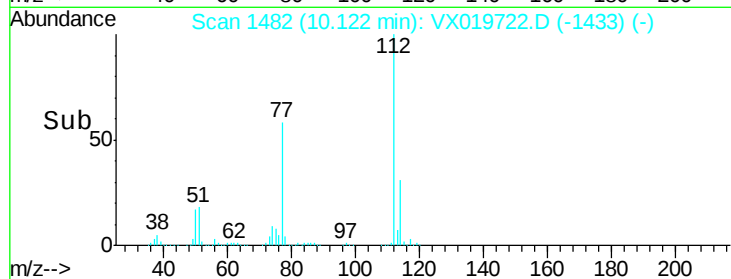
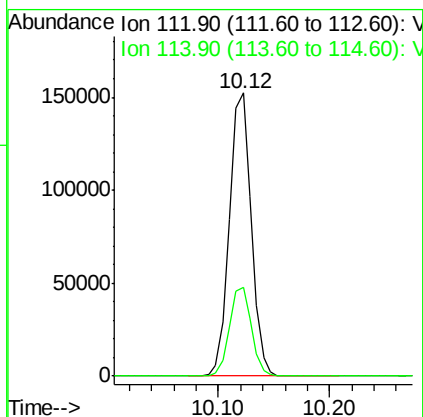
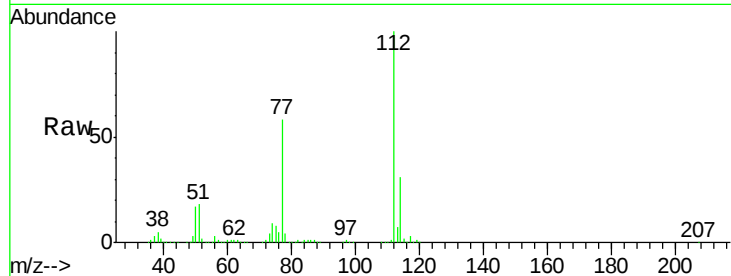
#65
Chlorobenzene
Concen: 20.295 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.8	38.6

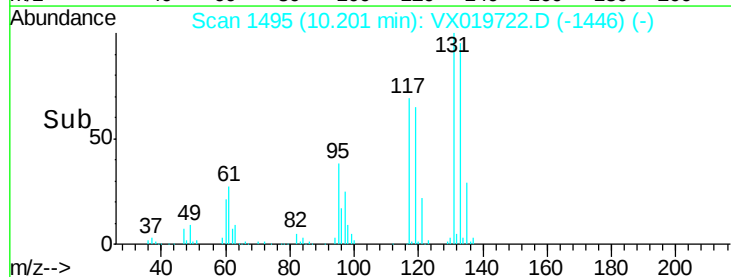
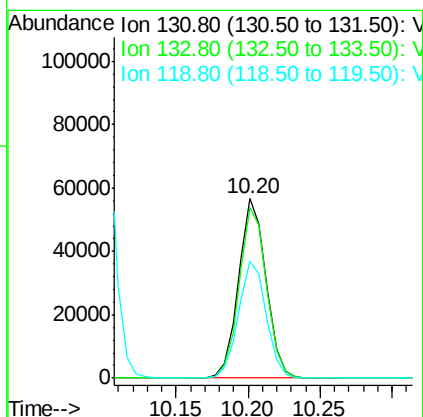
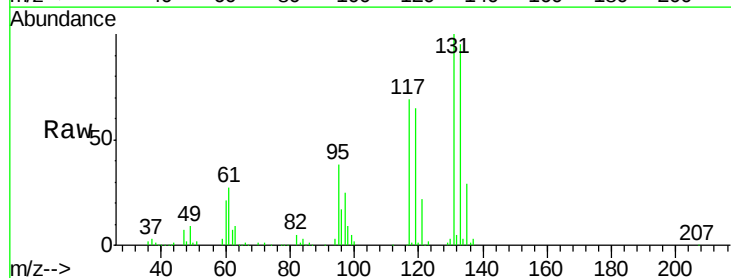
Manual Integrations
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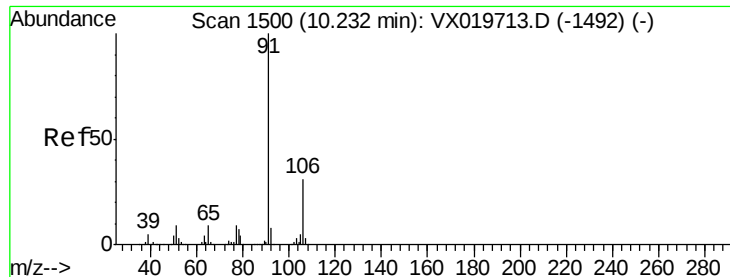
MMDadoda
12/7/2020 10:53:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.433 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.7	143.1
119	65.9	32.1	96.5





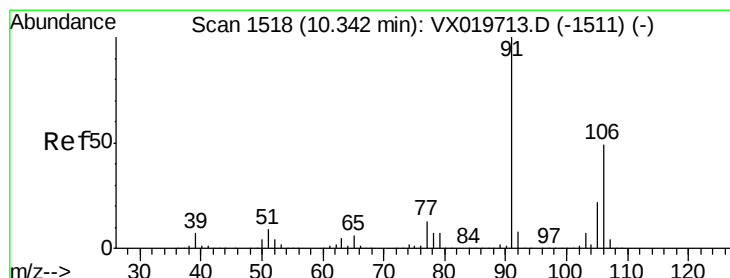
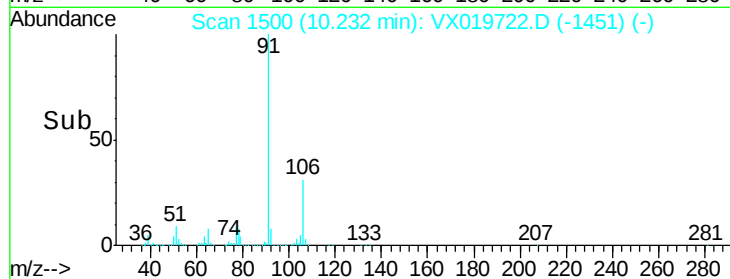
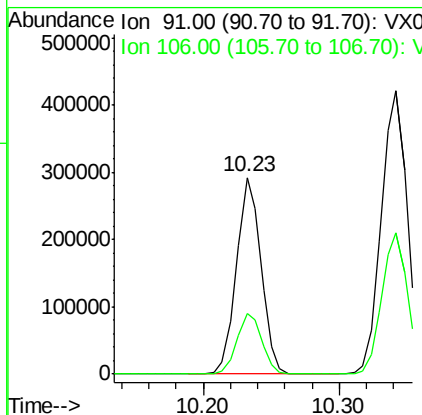
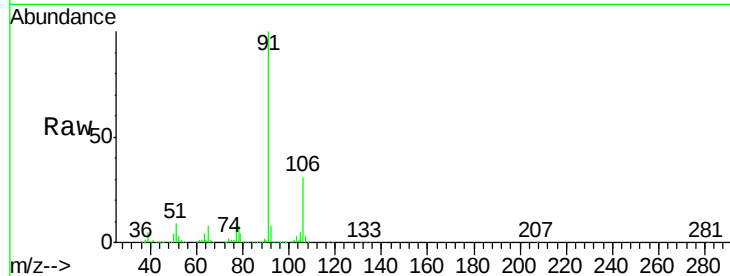
#67
Ethyl Benzene
Concen: 20.323 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion: 91 Resp: 366856
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

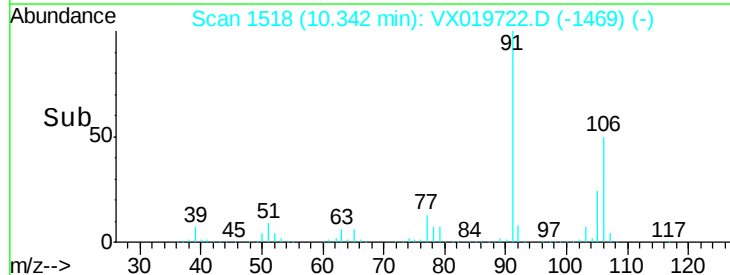
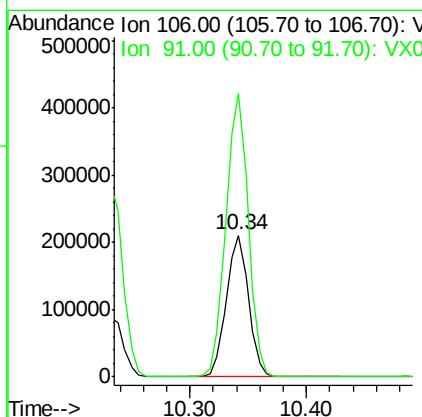
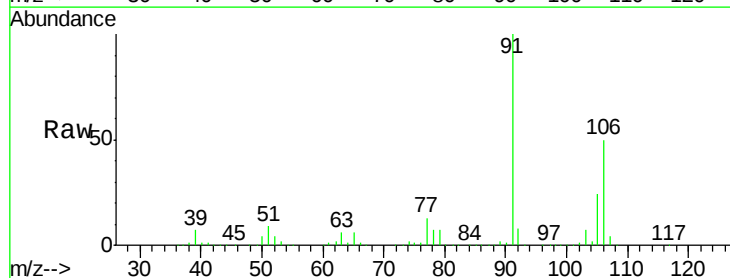
Manual Integrations
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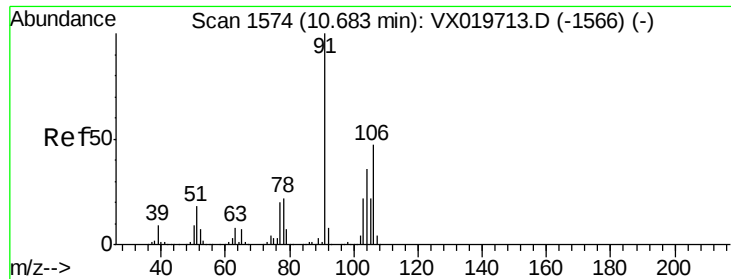
MMDadoda
12/7/2020 10:53:00 AM



#68
m/p-Xylenes
Concen: 40.852 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion: 106 Resp: 277875
Ion Ratio Lower Upper
106 100
91 202.9 162.8 244.2





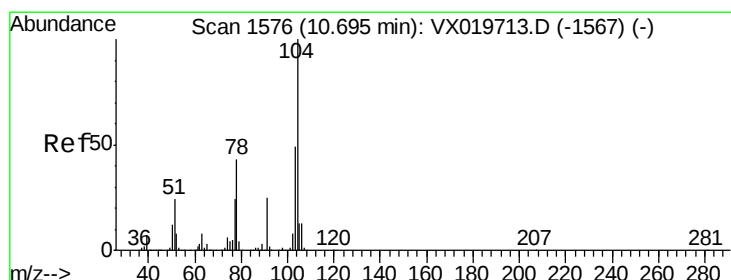
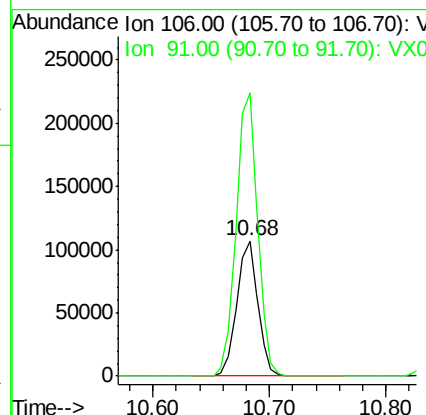
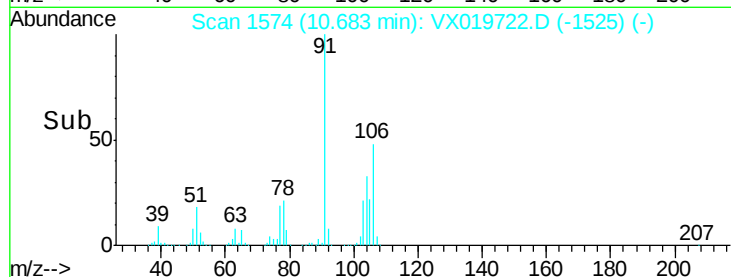
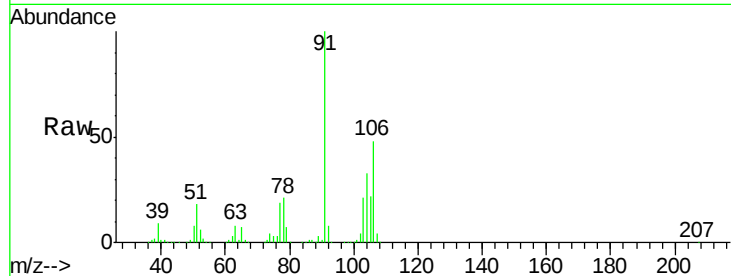
#69
o-Xylene
Concen: 20.628 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

Tot Ion:106 Resp: 134975
Ion Ratio Lower Upper
106 100
91 213.9 108.1 324.2

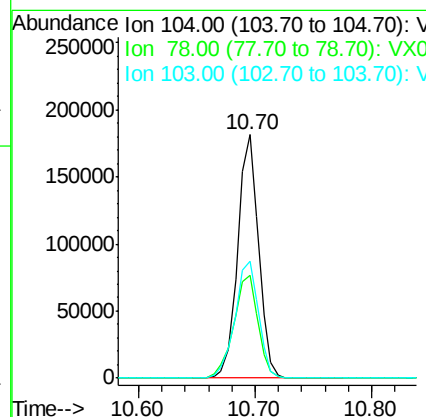
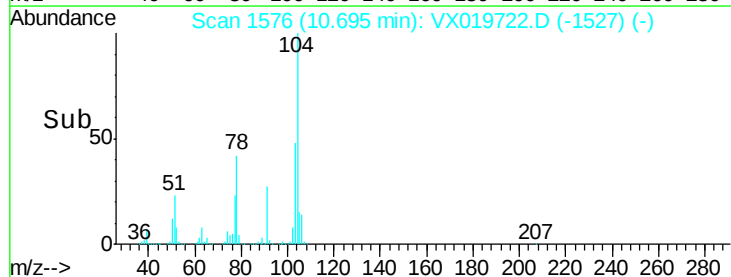
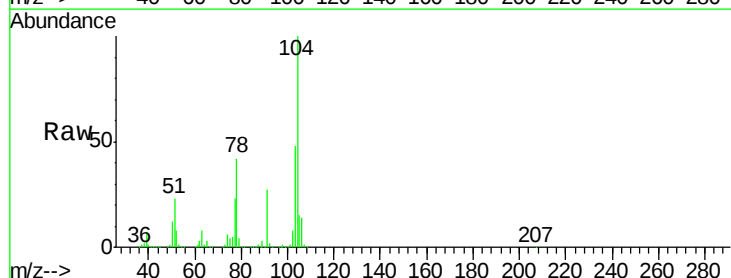
Manual Integrations
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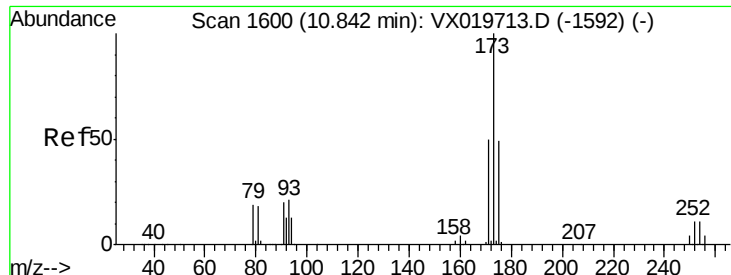
MMDadoda
12/7/2020 10:53:00 AM



#70
Styrene
Concen: 20.575 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion:104 Resp: 227234
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 54.3 43.4 65.0





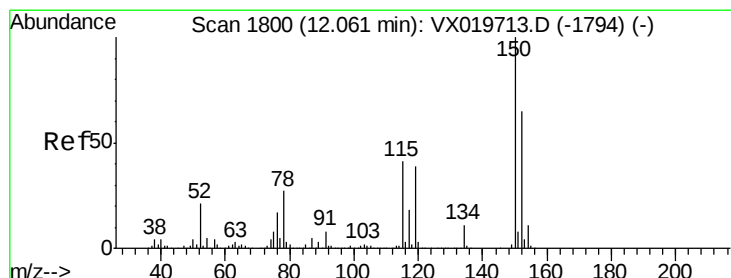
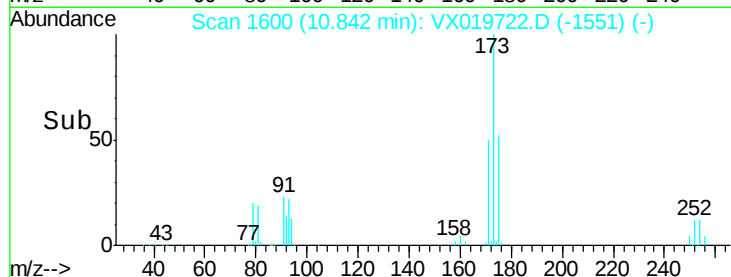
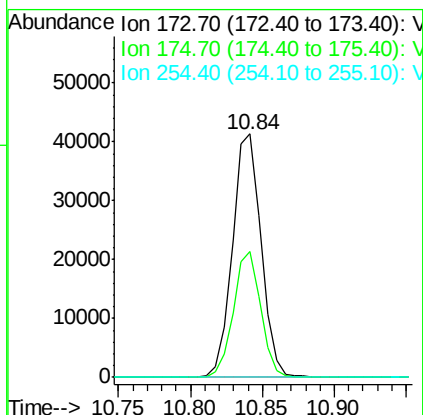
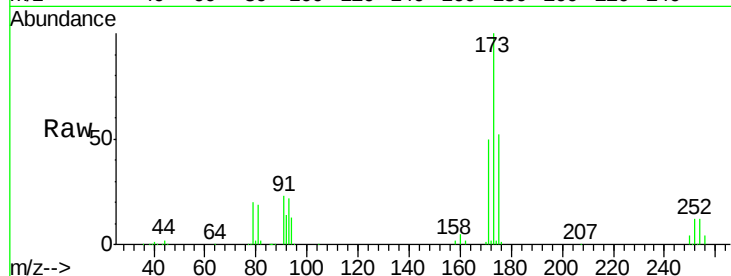
#71
Bromoform
Concen: 19.984 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.8
254	0.1	0.1	0.1

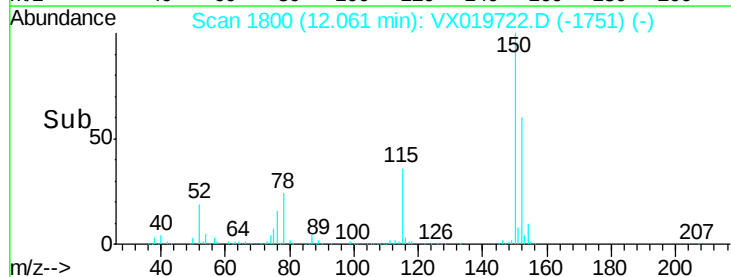
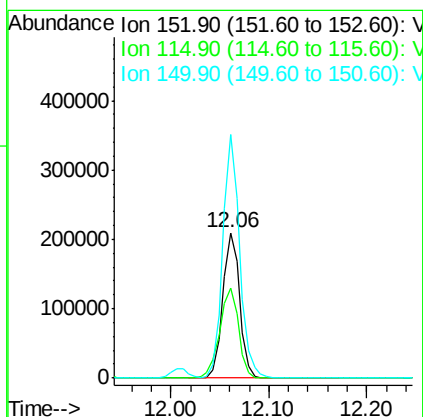
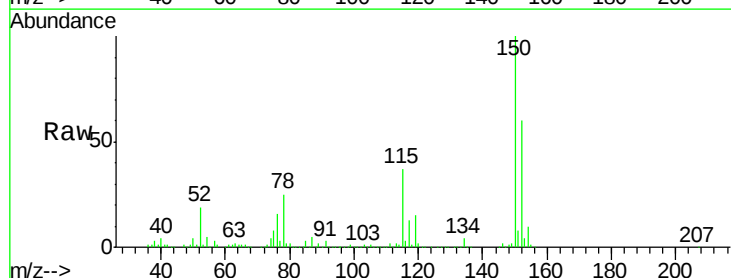
Manual Integrations
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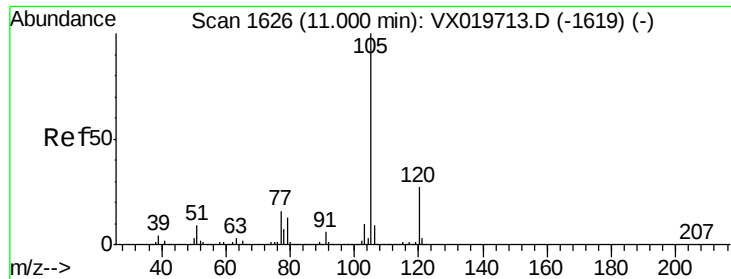
MMDadoda
12/7/2020 10:53:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.3	41.1	123.3
150	168.0	0.0	349.0





#73

Isopropylbenzene

Concen: 21.159 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 105 Resp: 359205

Ion Ratio Lower Upper

105 100

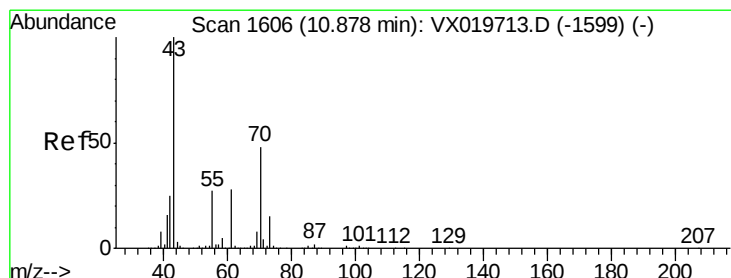
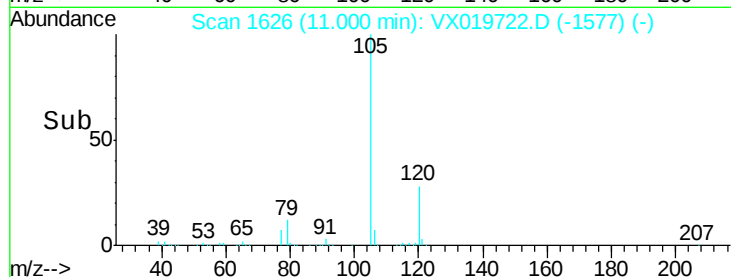
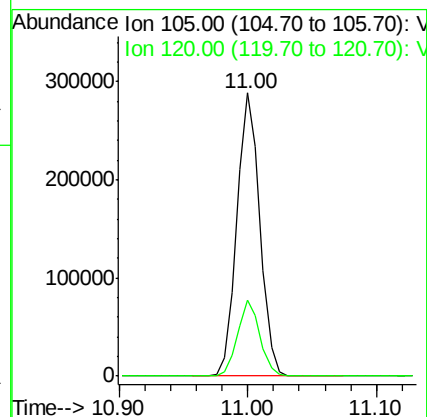
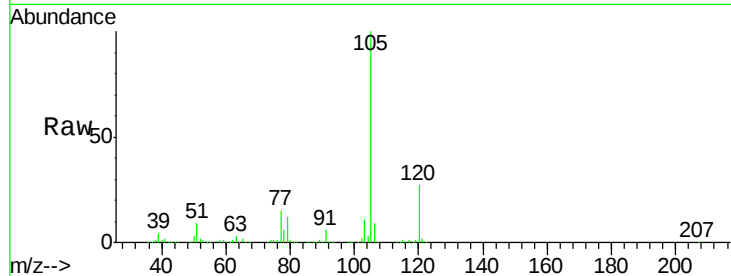
120 25.9 13.2 39.6

Manual Integrations

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MMDadoda

12/7/2020 10:53:00 AM



#74

N-ethyl acetate

Concen: 20.892 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion: 43 Resp: 142128

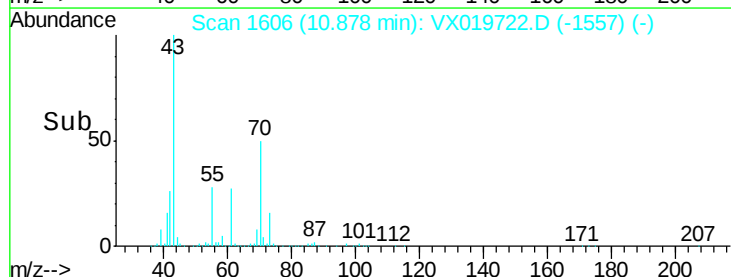
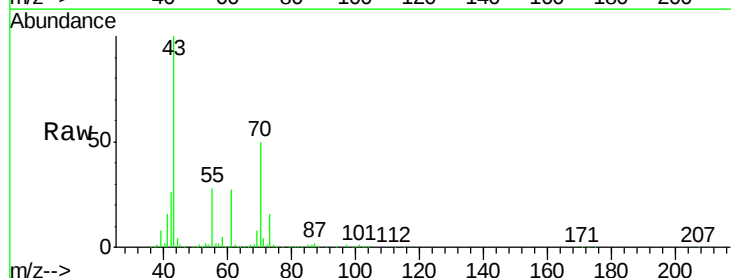
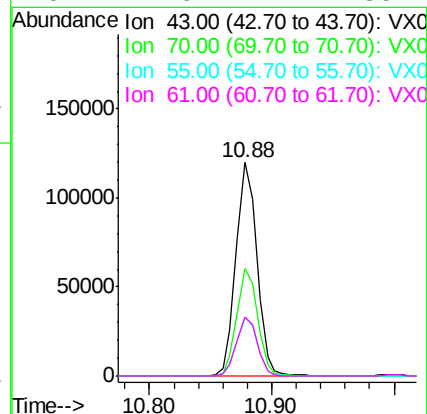
Ion Ratio Lower Upper

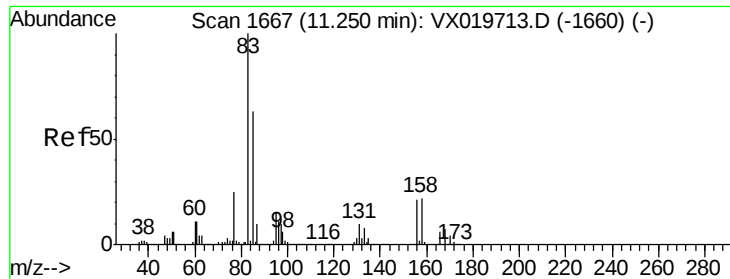
43 100

70 50.2 39.0 58.6

55 27.6 21.5 32.3

61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.568 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

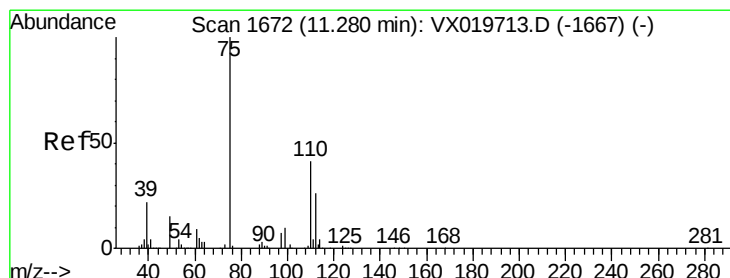
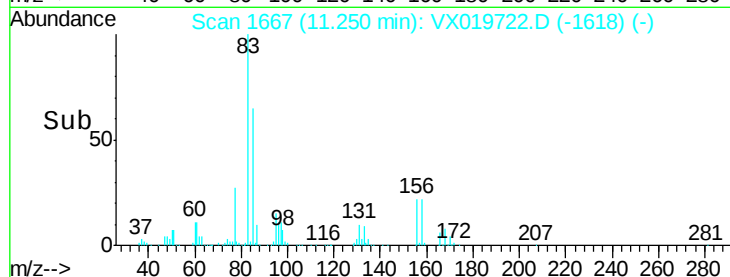
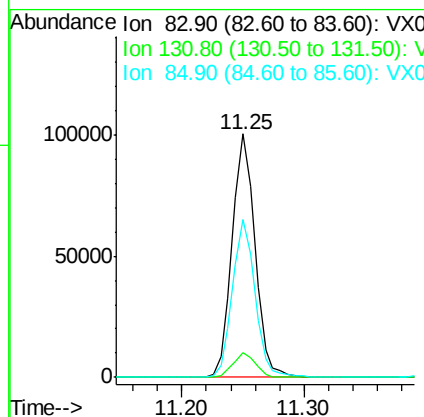
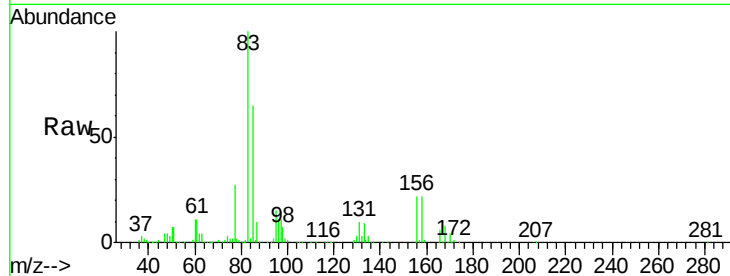
ClientSampled :

VX1204WBS01

Tot Ion:	83	Resp:	129089
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.2
85	64.1	31.8	95.4

Manual Integrations
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MMDadoda
12/7/2020 10:53:00 AM



#76

1,2,3-Trichloropropane

Concen: 21.290 ug/l m

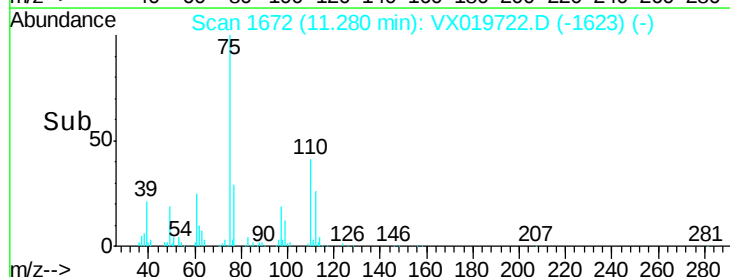
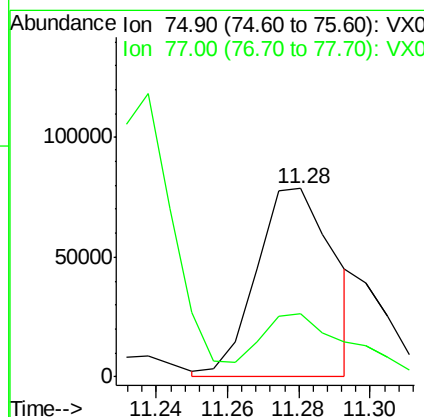
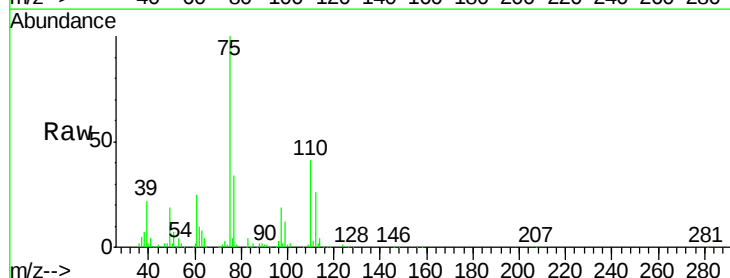
RT: 11.28 min Scan# 1672

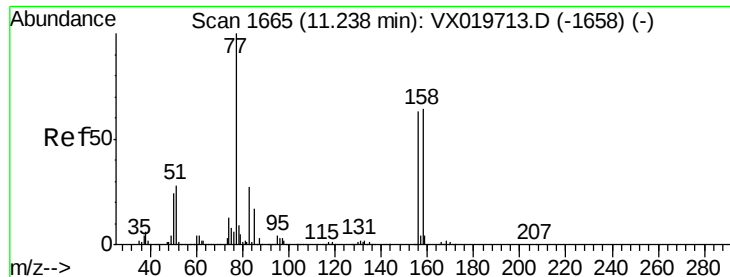
Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Tgt Ion:	75	Resp:	118652
Ion Ratio	Lower	Upper	
75	100		
77	38.1	19.1	57.5





#77

Bromobenzene

Concen: 20.172 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion:156 Resp: 87637

Ion Ratio Lower Upper

156 100

77 170.0 82.8 248.6

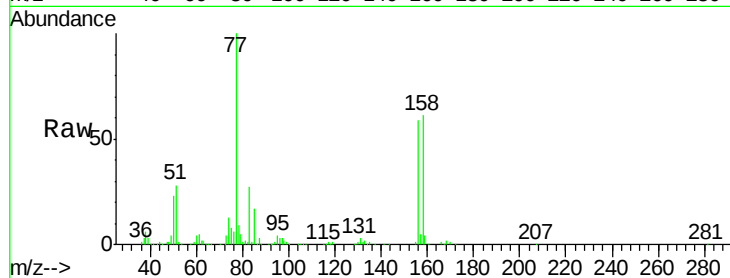
158 100.6 49.1 147.4

Manual Integrations

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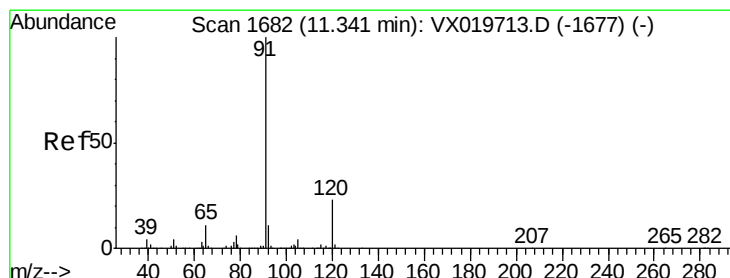
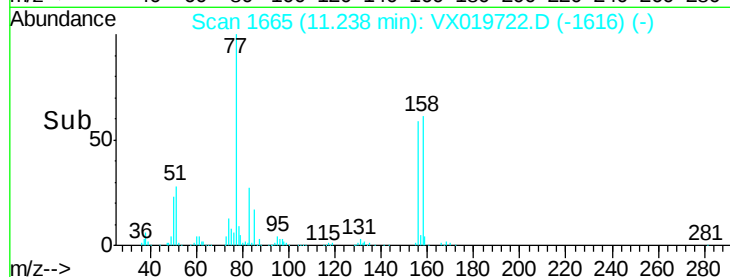
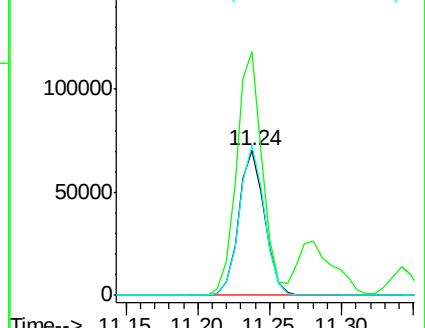
12/7/2020 10:53:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.989 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019722.D

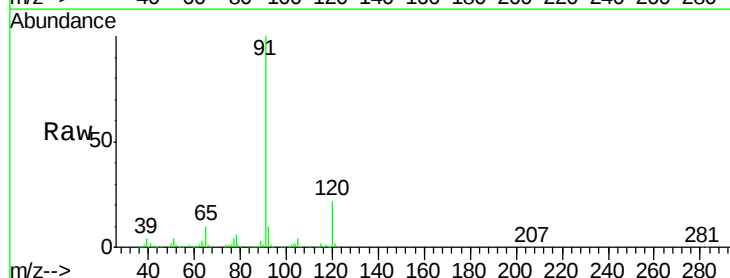
Acq: 04 Dec 2020 17:21

Tgt Ion: 91 Resp: 406956

Ion Ratio Lower Upper

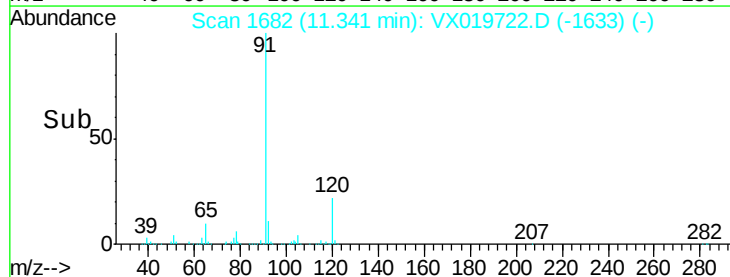
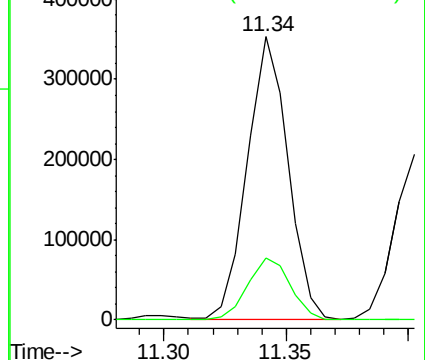
91 100

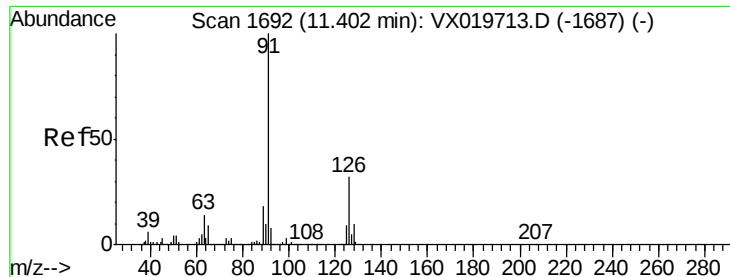
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.894 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019722.D

Acq: 04 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 91 Resp: 249481

Ion Ratio Lower Upper

91 100

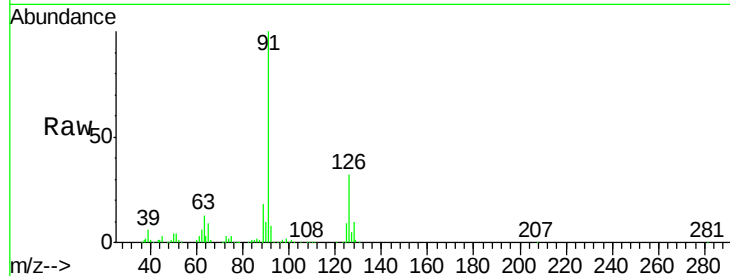
126 32.7 16.6 49.8

Manual Integrations

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12/7/2020 10:53:00 AM



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)

400000

300000

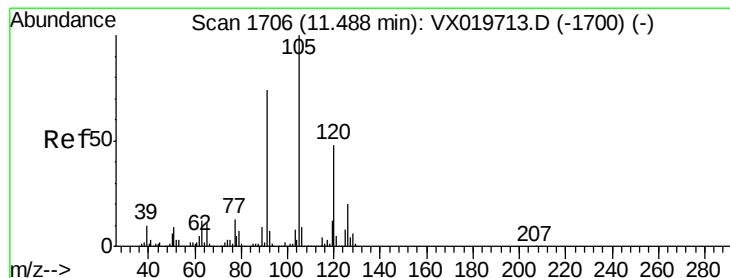
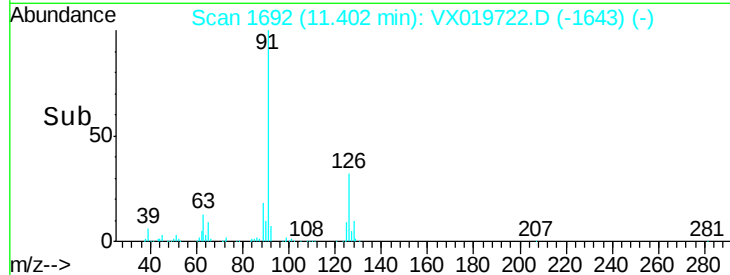
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.868 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019722.D

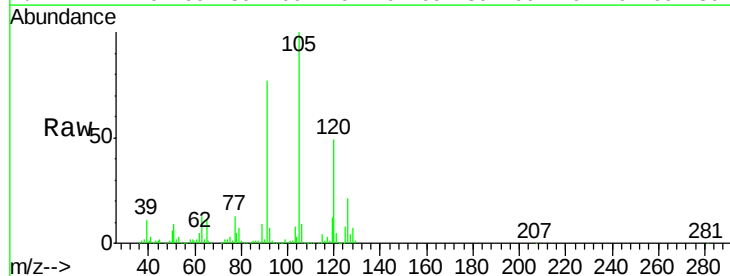
Acq: 04 Dec 2020 17:21

Tgt Ion: 105 Resp: 298986

Ion Ratio Lower Upper

105 100

120 48.7 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)

250000

200000

150000

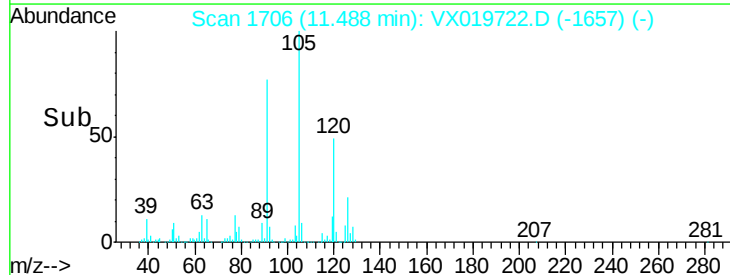
100000

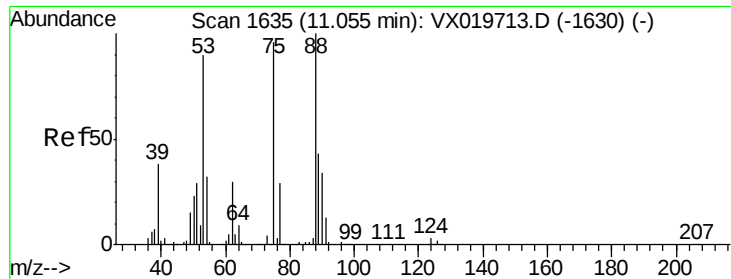
50000

0

11.40 11.45 11.50 11.55

Time-->





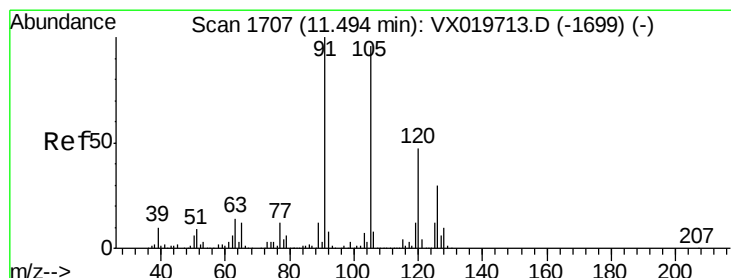
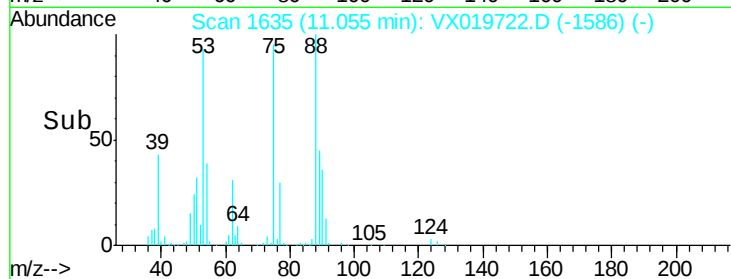
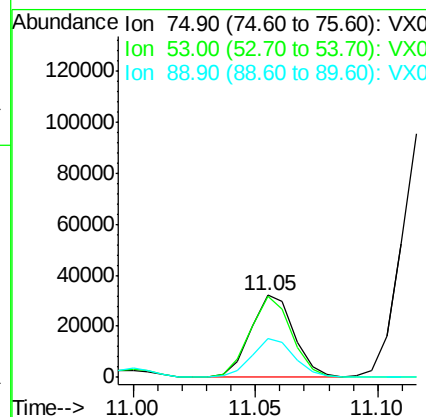
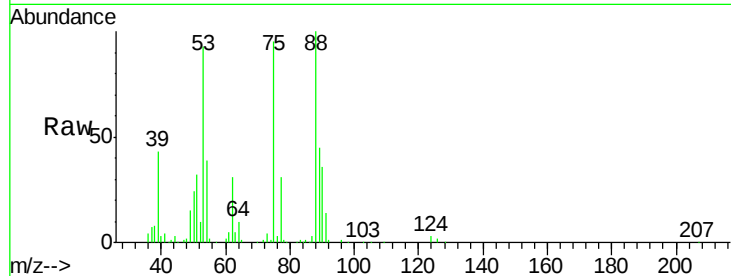
#81
trans-1,4-Dichloro-2-butene
Concen: 20.498 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	74.5	111.7
89	47.1	37.9	56.9

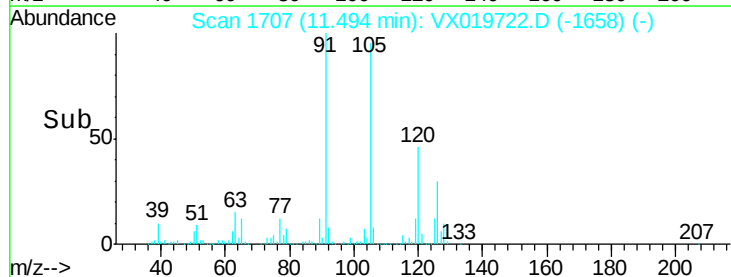
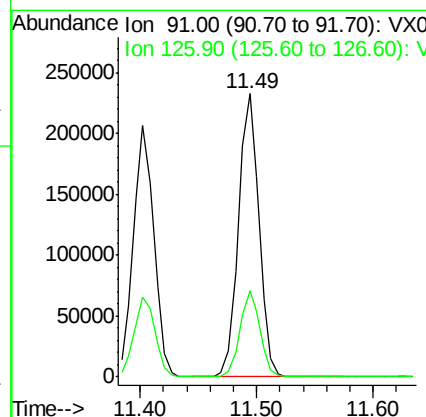
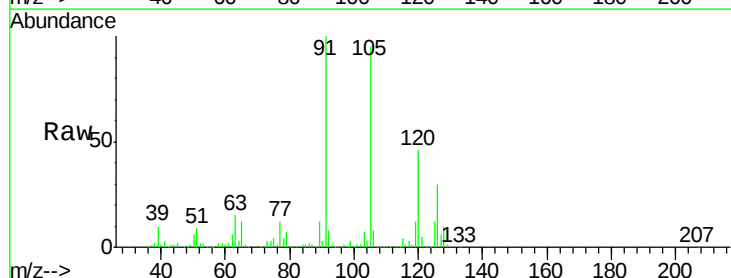
Manual Integrations
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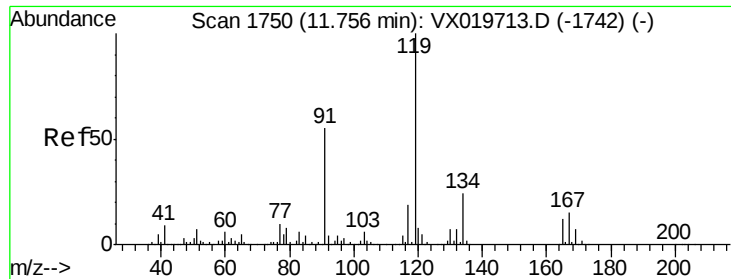
MMDadoda
12/7/2020 10:53:00 AM



#82
4-Chlorotoluene
Concen: 20.474 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.9	44.5





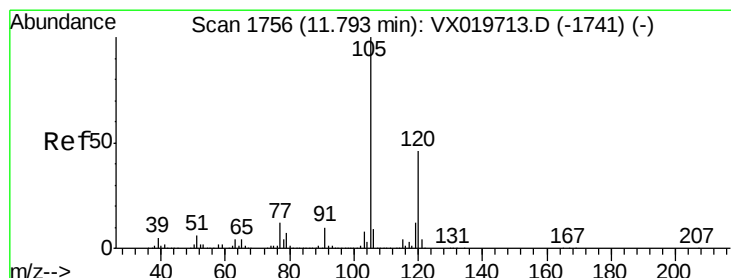
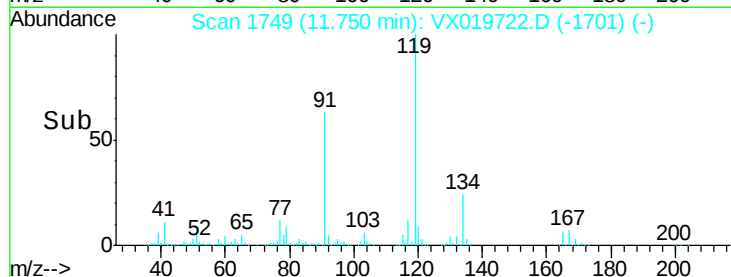
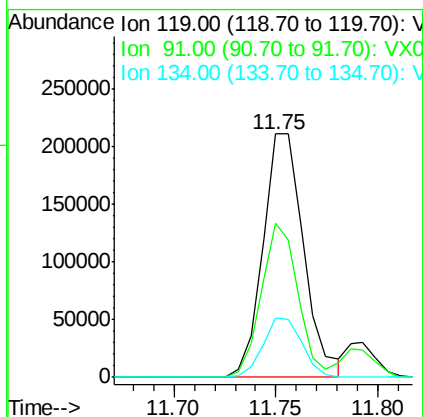
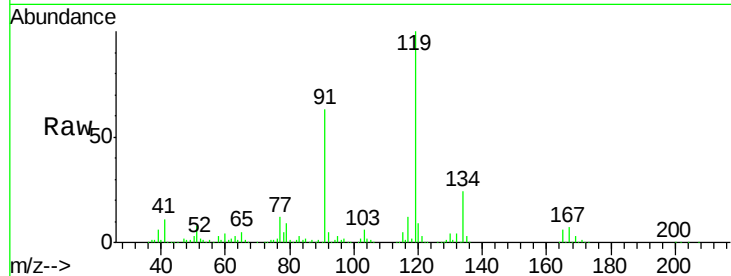
#83
 tert-Butylbenzene
 Concen: 20.991 ug/l
 RT: 11.75 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	294954		
91	56.6		27.9	83.7
134	23.3		11.3	33.9

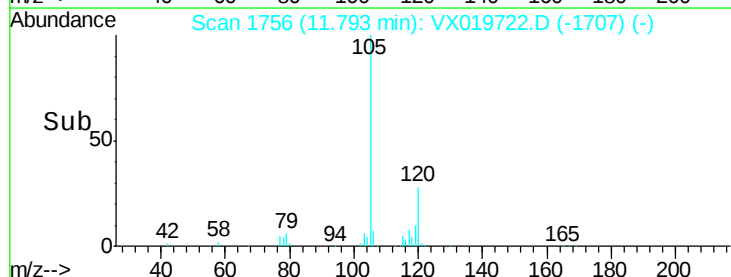
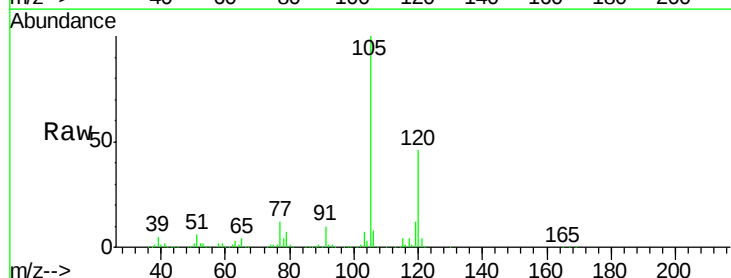
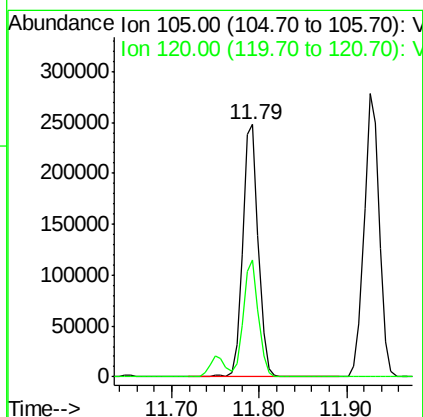
Manual Integrations
 APPROVED

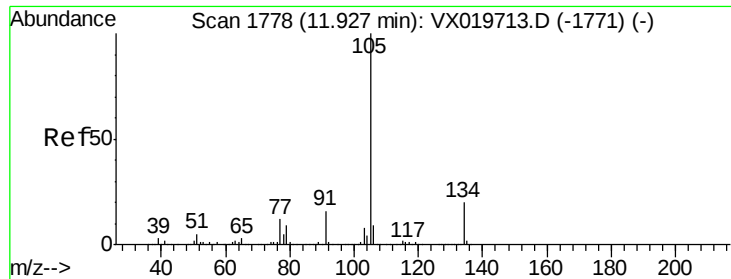
MMDadoda
 12/7/2020 10:53:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.351 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	308145		
120	44.3		22.4	67.3





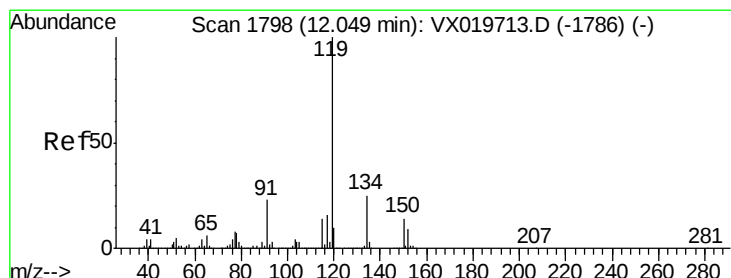
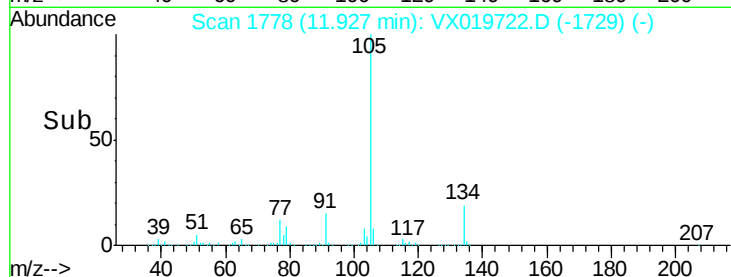
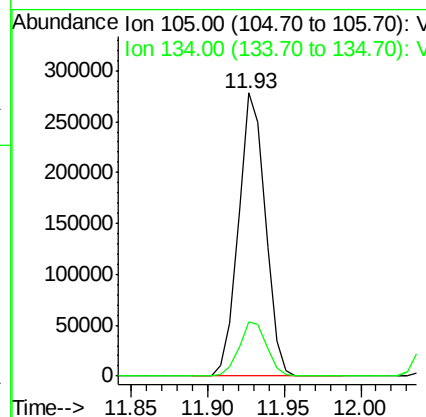
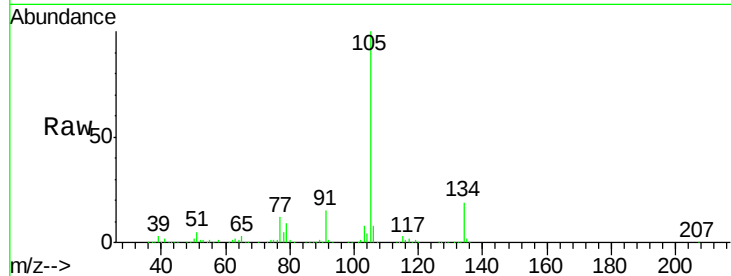
#85
 sec-Butylbenzene
 Concen: 21.037 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	337500		
134	19.6	10.0	29.8	

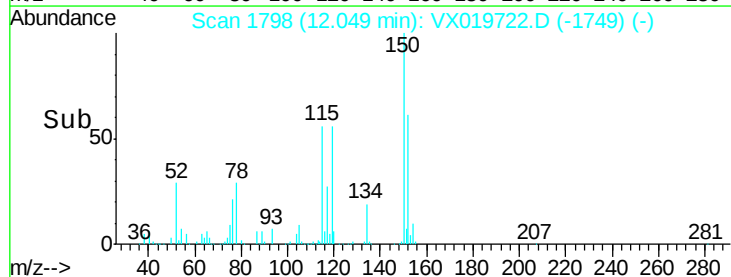
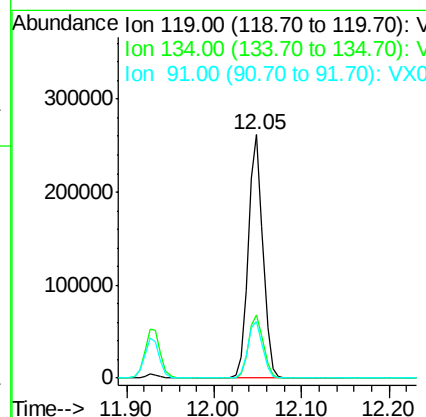
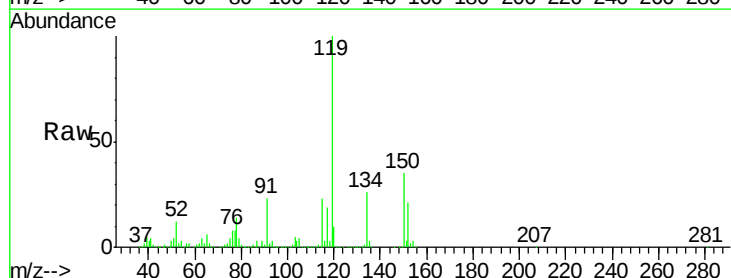
Manual Integrations
 APPROVED

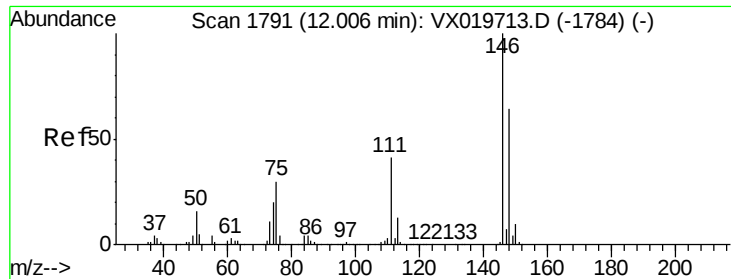
MMDadoda
 12/7/2020 10:53:00 AM



#86
 p-Isopropyltoluene
 Concen: 20.606 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	302978		
134	26.4	12.9	38.7	
91	24.0	11.7	35.0	





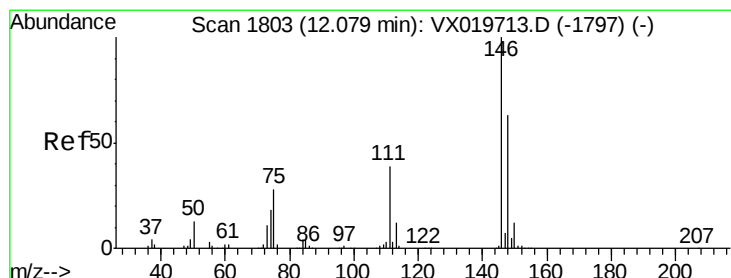
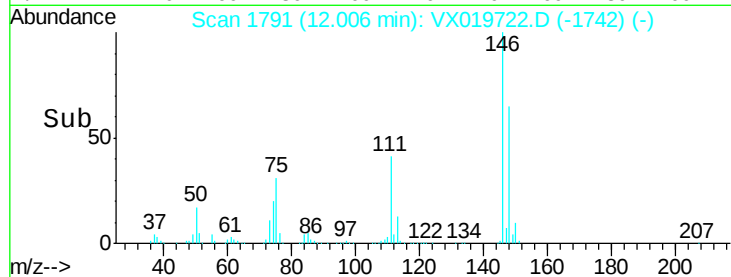
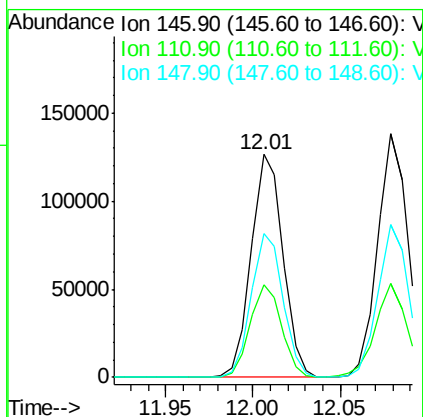
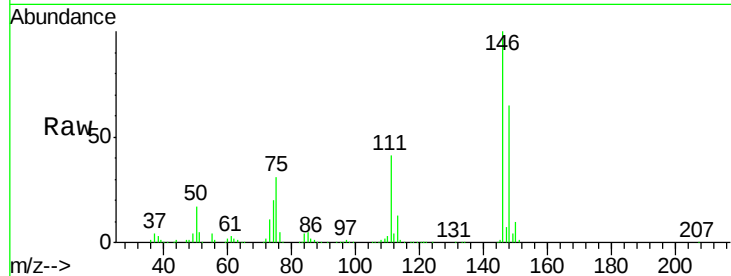
#87
 1,3-Dichlorobenzene
 Concen: 20.081 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.5
148	64.5	31.9	95.7

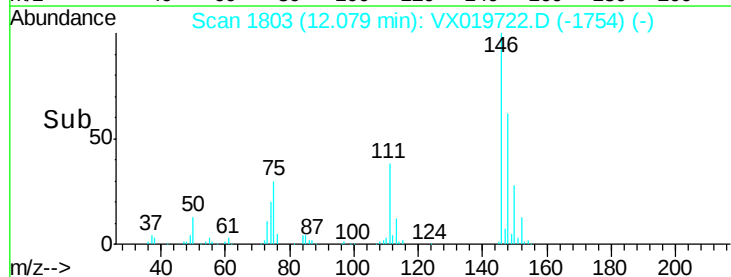
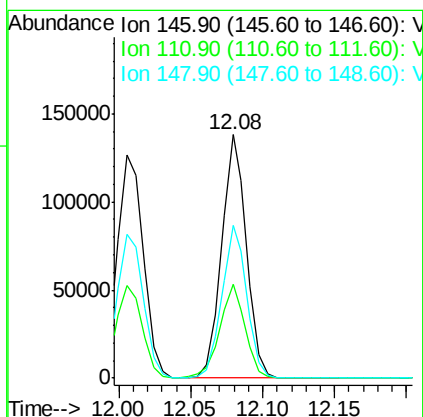
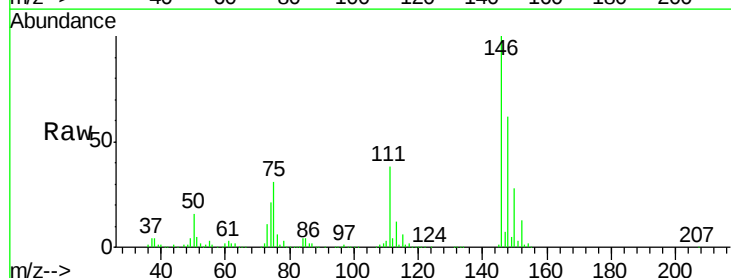
Manual Integrations
 APPROVED

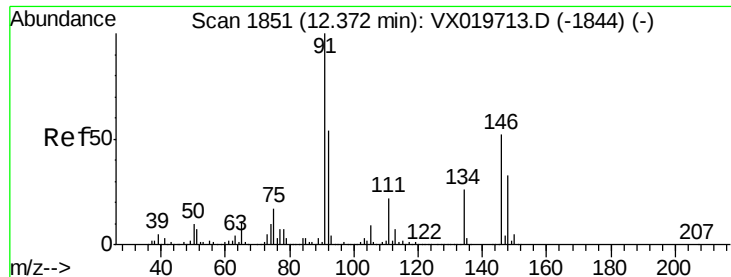
MMDadoda
 12/7/2020 10:53:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.467 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	63.4	31.6	95.0





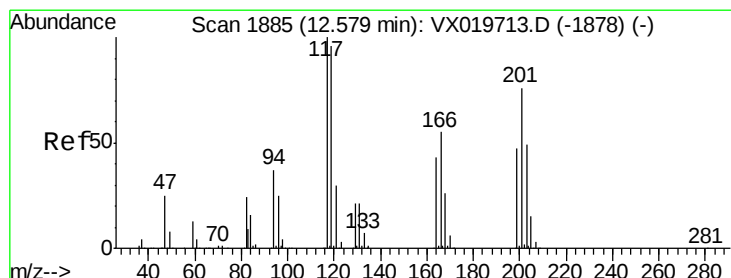
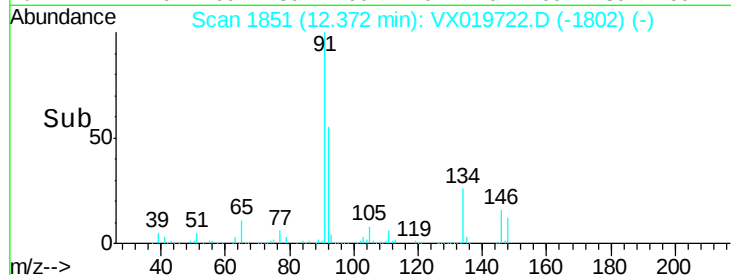
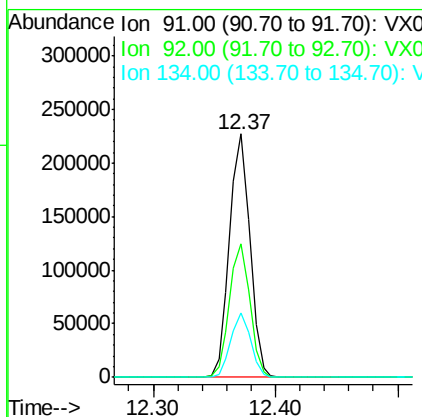
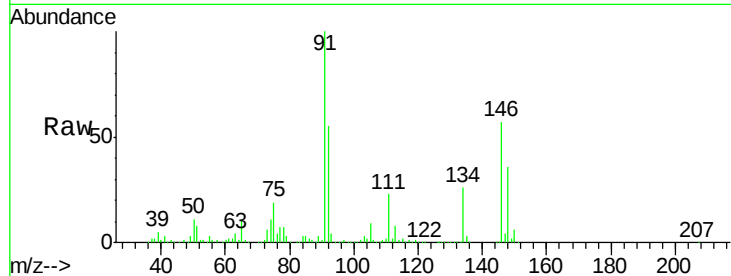
#89
n-Butylbenzene
Concen: 20.148 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.0
134	25.7	13.2	39.5

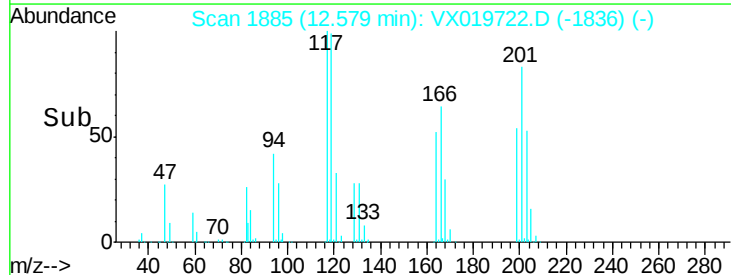
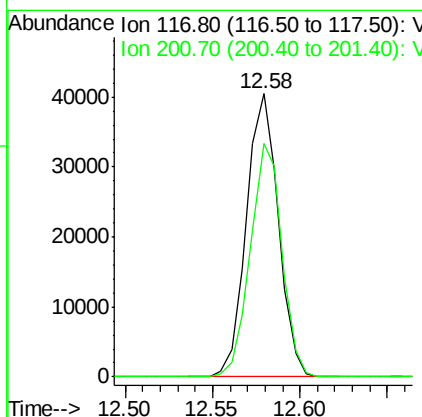
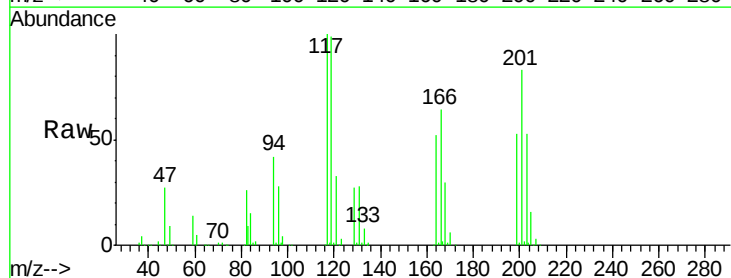
Manual Integrations
APPROVED

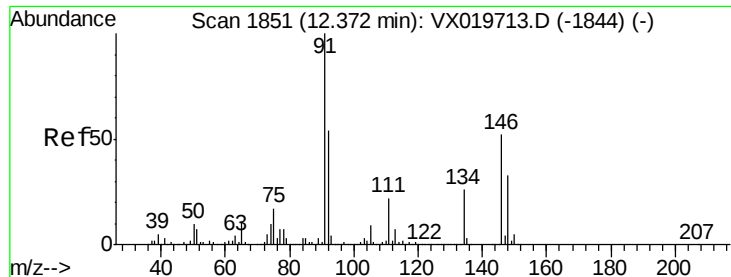
MMDadoda
12/7/2020 10:53:00 AM



#90
Hexachloroethane
Concen: 20.204 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.6	40.4	121.2





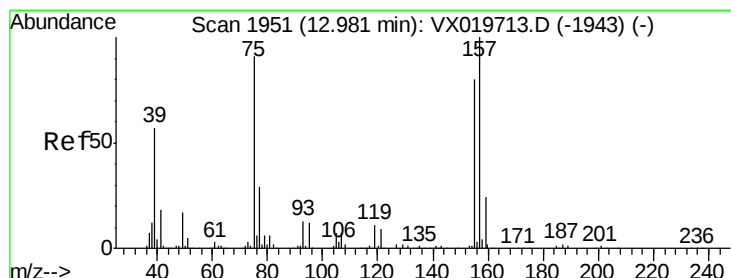
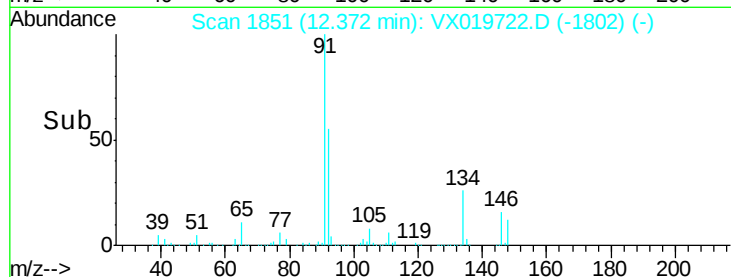
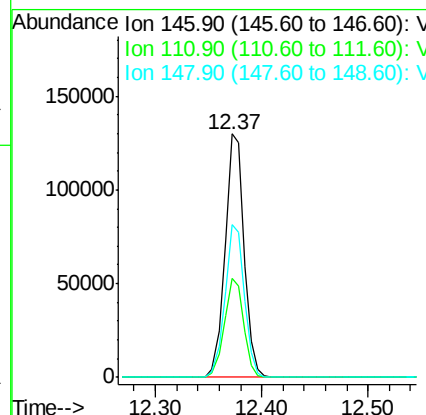
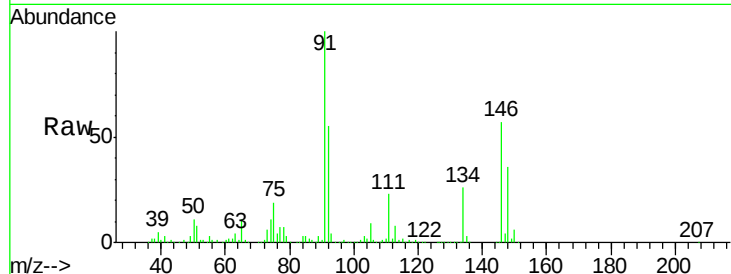
#91
 1,2-Dichlorobenzene
 Concen: 20.849 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.2
148	63.7	31.9	95.5

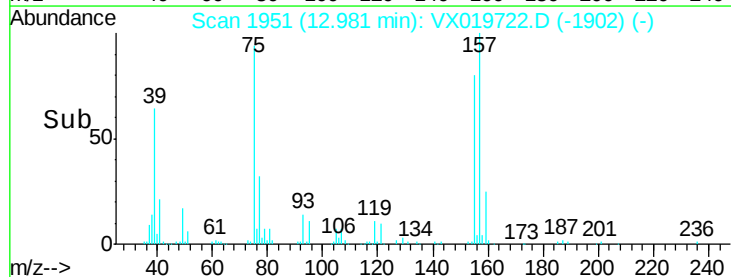
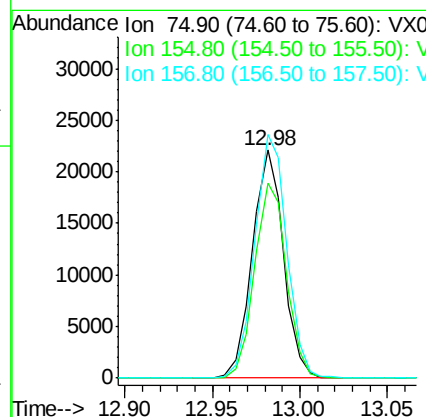
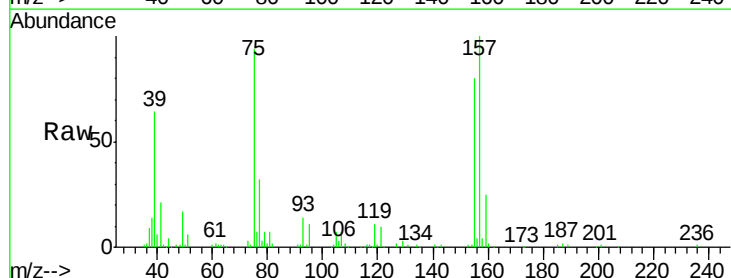
Manual Integrations
 APPROVED

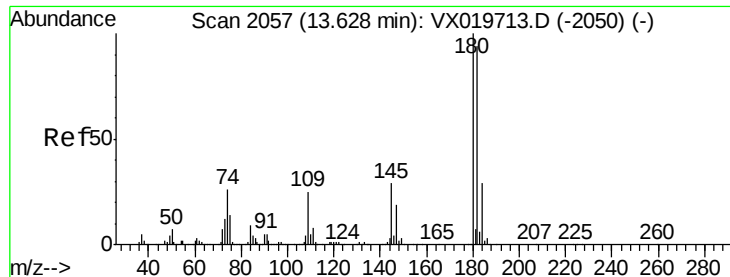
MMDadoda
 12/7/2020 10:53:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.176 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019722.D
 Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	45.3	135.9
157	110.1	57.7	173.1





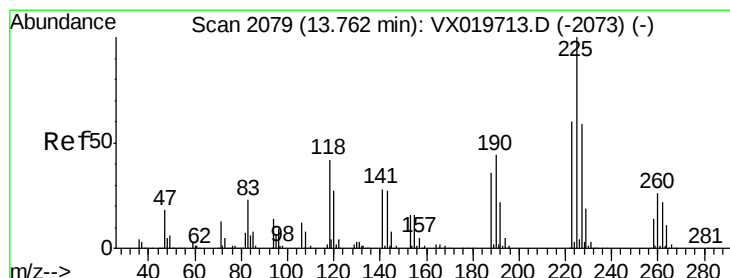
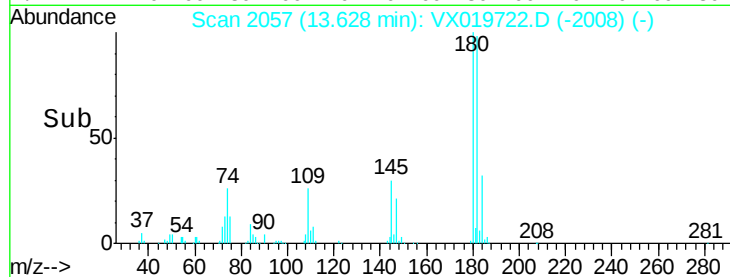
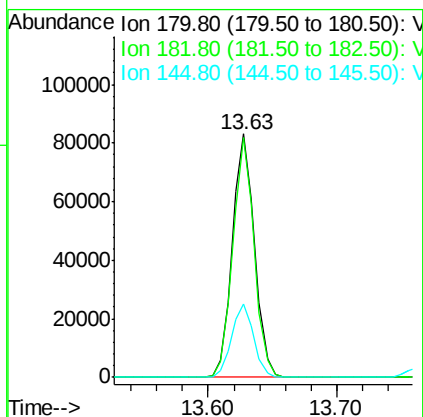
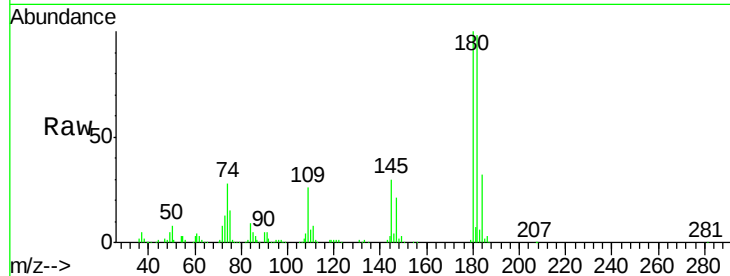
#93
1,2,4-Trichlorobenzene
Concen: 19.765 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100006		
182	94.8		47.7	143.1
145	30.1		15.0	45.0

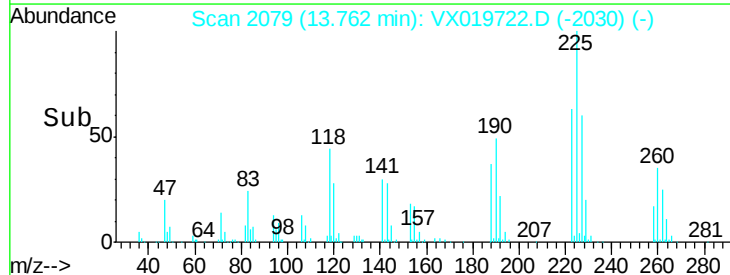
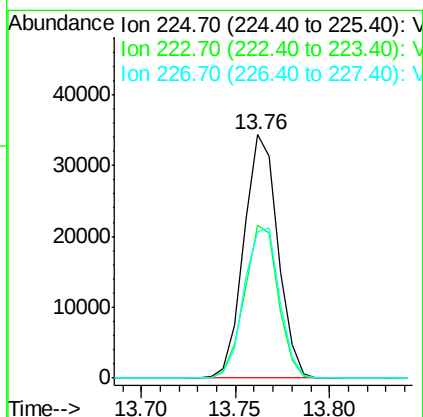
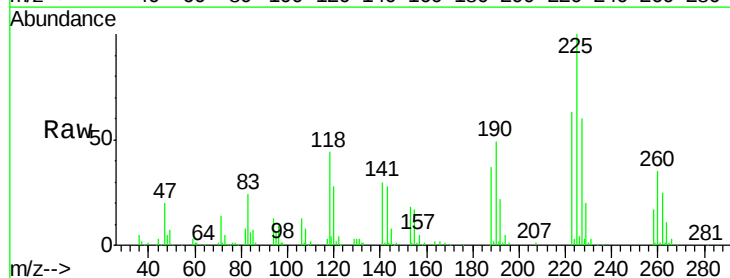
Manual Integrations
APPROVED

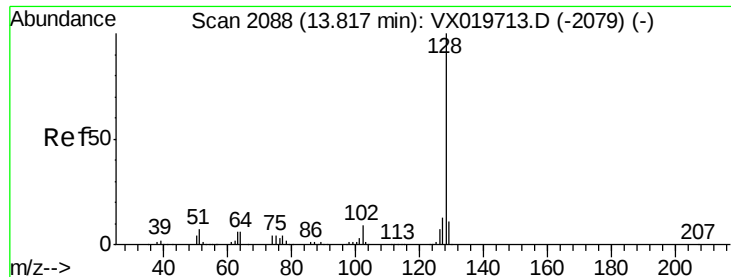
MMDadoda
12/7/2020 10:53:00 AM



#94
Hexachlorobutadiene
Concen: 18.992 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42950		
223	62.5		31.1	93.2
227	64.0		31.6	95.0





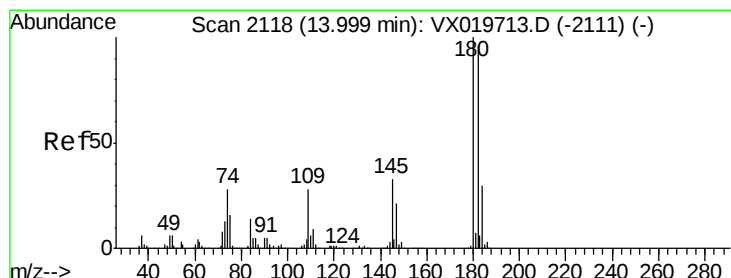
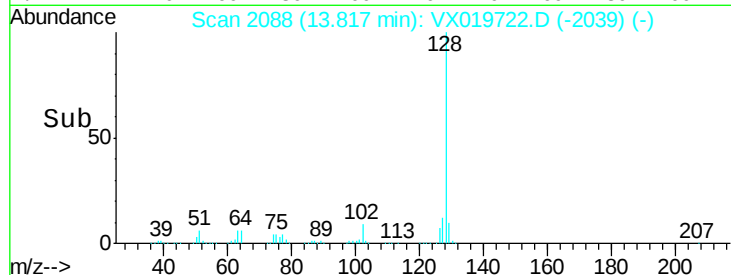
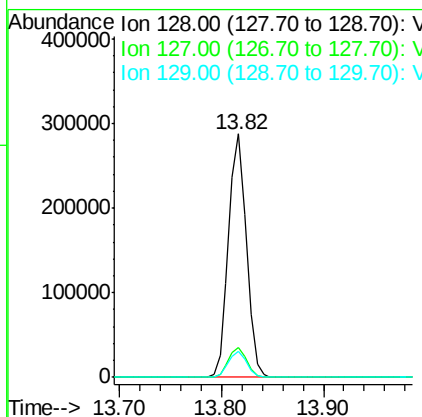
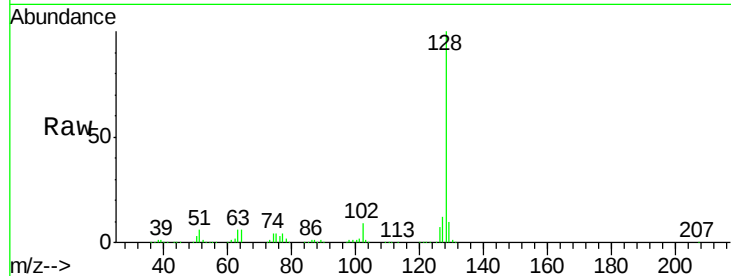
#95
Naphthalene
Concen: 21.265 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	348819		
127	12.4		10.3	15.5
129	10.6		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.066 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019722.D
Acq: 04 Dec 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99226		
182	96.7		47.6	142.9
145	33.4		16.1	48.3

