

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038595.D
 Acq On : 06 Jun 2020 02:32
 Operator : SY/MD
 Sample : L2910-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D06

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.369	3	9	19	rBV	78059	76460	5.71%	0.655%
2	1.504	44	51	64	rVB	66259	69792	5.21%	0.597%
3	1.613	72	85	93	rBV	109016	125621	9.38%	1.075%
4	1.723	98	119	121	rBV4	16504	36525	2.73%	0.313%
5	1.932	176	184	196	rVB	83625	109153	8.15%	0.934%
6	2.015	201	210	222	rVB	143323	200335	14.96%	1.715%
7	2.594	377	390	404	rBV	171392	287885	21.50%	2.464%
8	2.674	404	415	439	rVB2	15664	46064	3.44%	0.394%
9	3.169	557	569	583	rVB	53868	102360	7.65%	0.876%
10	4.571	990	1005	1018	rBV5	9447	24159	1.80%	0.207%
11	4.674	1021	1037	1060	rBV	174653	524991	39.22%	4.494%
12	4.845	1079	1090	1111	rVB2	32414	75844	5.67%	0.649%
13	5.102	1153	1170	1195	rBV	289299	683097	51.03%	5.848%
14	5.423	1254	1270	1286	rBV3	35751	79666	5.95%	0.682%
15	5.758	1353	1374	1384	rBV2	342715	912822	68.19%	7.814%
16	5.809	1385	1390	1410	rVB	137442	255591	19.09%	2.188%
17	6.050	1455	1465	1479	rVB2	11589	23072	1.72%	0.198%
18	6.279	1521	1536	1556	rBV	364243	704045	52.59%	6.027%
19	6.719	1659	1673	1691	rBV	215933	423707	31.65%	3.627%
20	7.590	1932	1944	1958	rBV	112059	194676	14.54%	1.667%
21	7.922	2033	2047	2062	rBV	402374	710013	53.04%	6.078%
22	7.992	2062	2069	2082	rVB2	25297	46740	3.49%	0.400%
23	8.201	2122	2134	2147	rBV	71709	120109	8.97%	1.028%
24	8.655	2261	2275	2315	rBV	729203	1338703	100.00%	11.460%
25	9.436	2504	2518	2544	rBV	525122	893300	66.73%	7.647%
26	9.587	2555	2565	2580	rVB	87086	141568	10.58%	1.212%
27	9.709	2594	2603	2618	rVB2	25623	44780	3.35%	0.383%
28	10.115	2722	2729	2744	rVB2	23907	39353	2.94%	0.337%
29	10.497	2840	2848	2855	rBV3	10660	15992	1.19%	0.137%
30	10.539	2855	2861	2872	rVB3	13337	20312	1.52%	0.174%
31	10.658	2890	2898	2911	rVB8	7914	14723	1.10%	0.126%
32	10.770	2918	2933	2952	rVB	198655	332764	24.86%	2.849%
33	11.301	3089	3098	3115	rBV	27238	52547	3.93%	0.450%
34	11.478	3145	3153	3163	rVB3	24885	35490	2.65%	0.304%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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 Title : TRACE VOA SOM01.0

35	11.622	3177	3198	3200	rBV	35218	51688	3.86%	0.442%
36	11.655	3201	3208	3227	rVB	111881	183504	13.71%	1.571%
37	11.822	3248	3260	3273	rBV	586748	948922	70.88%	8.123%
38	11.902	3279	3285	3296	rVB	16821	24219	1.81%	0.207%
39	12.079	3330	3340	3342	rBV3	24348	34469	2.57%	0.295%
40	12.204	3367	3379	3398	rVB	470954	785105	58.65%	6.721%
41	12.449	3452	3455	3469	rVB10	7525	13632	1.02%	0.117%
42	12.590	3491	3499	3504	rBV2	21084	28833	2.15%	0.247%
43	12.626	3504	3510	3519	rVB2	18143	26517	1.98%	0.227%
44	12.896	3588	3594	3605	rVB2	7984	15524	1.16%	0.133%
45	13.134	3660	3668	3688	rBV4	22348	42971	3.21%	0.368%
46	13.272	3703	3711	3718	rBV2	18744	25497	1.90%	0.218%
47	13.349	3728	3735	3746	rVB2	21919	35320	2.64%	0.302%
48	13.474	3765	3774	3778	rBV6	9706	16013	1.20%	0.137%
49	13.548	3791	3797	3806	rVB8	11293	16185	1.21%	0.139%
50	13.651	3824	3829	3844	rVB7	9968	18878	1.41%	0.162%
51	13.761	3852	3863	3870	rBV7	9175	18724	1.40%	0.160%
52	13.809	3870	3878	3886	rVB4	18056	27351	2.04%	0.234%
53	13.915	3903	3911	3913	rBV3	14051	17969	1.34%	0.154%
54	13.966	3922	3927	3941	rVB2	61382	93614	6.99%	0.801%
55	14.233	4002	4010	4019	rBV3	13921	21321	1.59%	0.183%
56	14.317	4031	4036	4045	rVB3	13262	20479	1.53%	0.175%
57	14.471	4076	4084	4090	rBV10	9503	13784	1.03%	0.118%
58	14.548	4101	4108	4122	rVB6	21141	37563	2.81%	0.322%
59	14.915	4212	4222	4235	rVB8	16033	29687	2.22%	0.254%
60	15.465	4381	4393	4403	rBV9	11410	24557	1.83%	0.210%
61	16.146	4596	4605	4619	rVB3	32985	57908	4.33%	0.496%
62	16.449	4689	4699	4709	rBV4	24845	43278	3.23%	0.370%
63	17.384	4978	4990	5010	rBV2	123727	245518	18.34%	2.102%

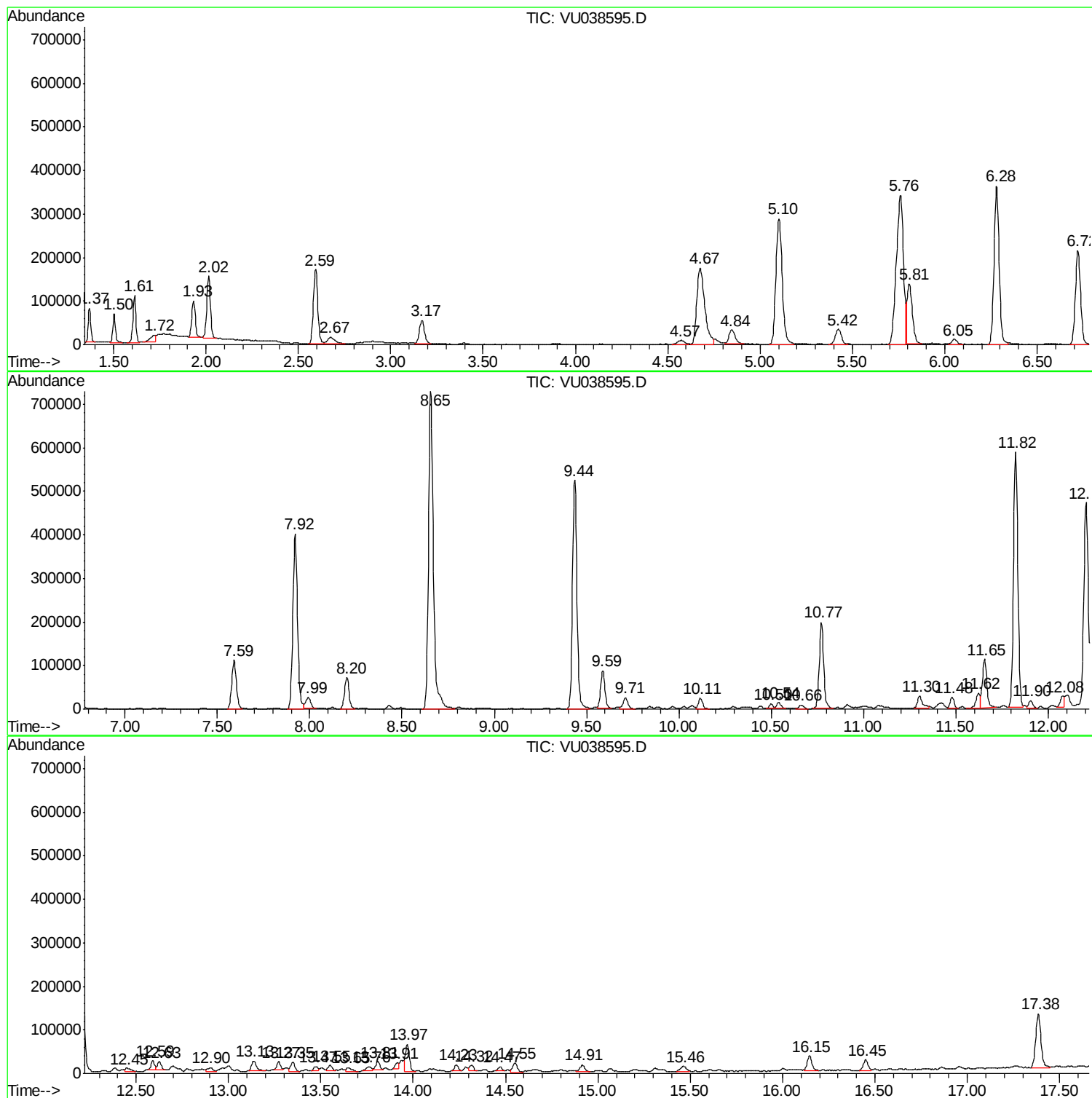
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ClientSampled :
F9D06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_U
ClientSampleId :
F9D06

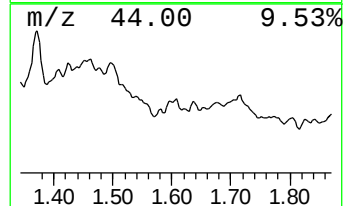
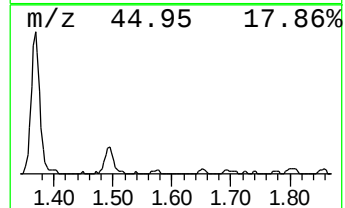
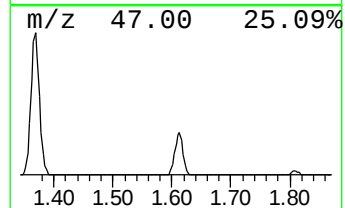
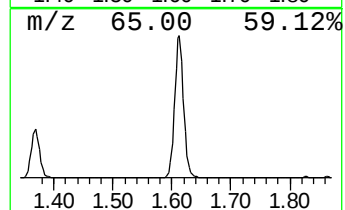
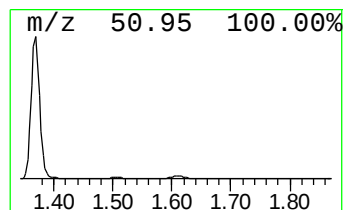
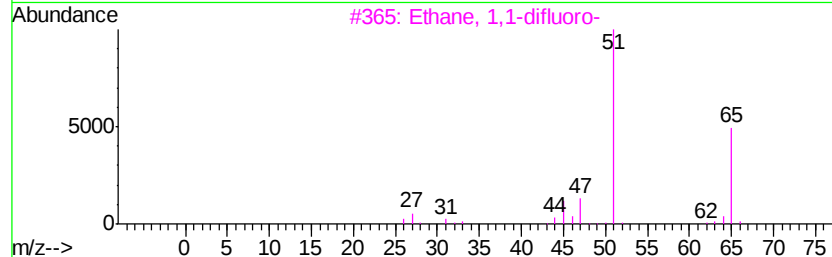
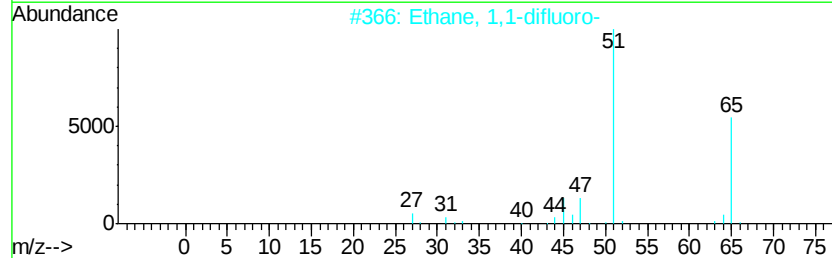
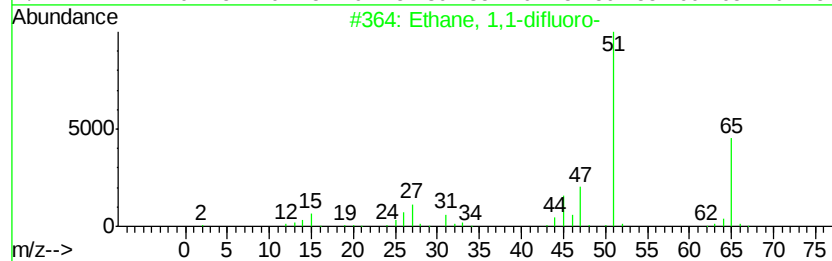
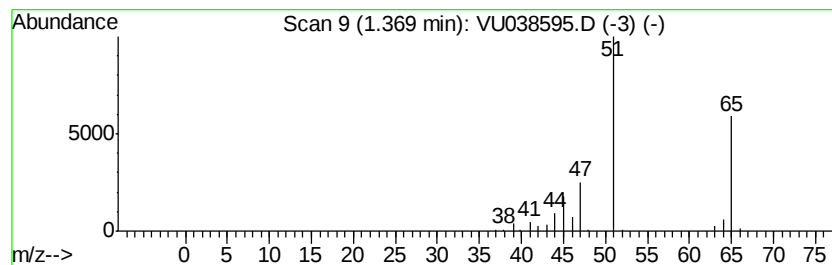
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.54 ug/L	76460	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4			Propiolonitrile	51	C3HN	001070-71-9	3
5			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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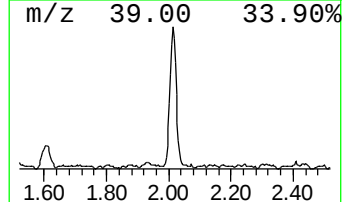
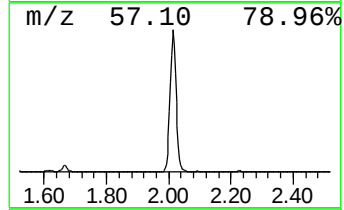
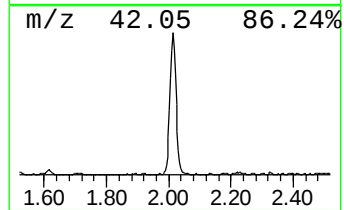
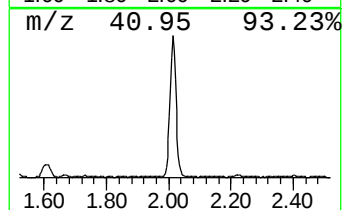
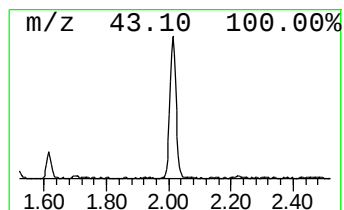
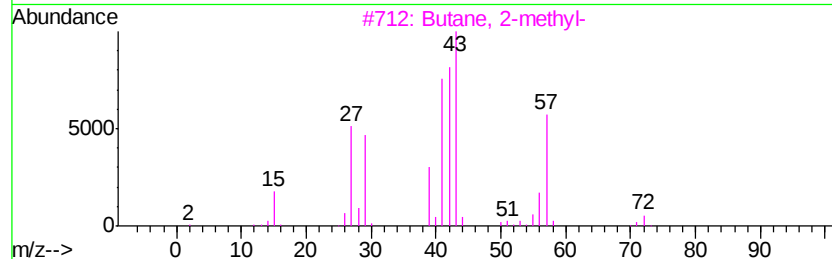
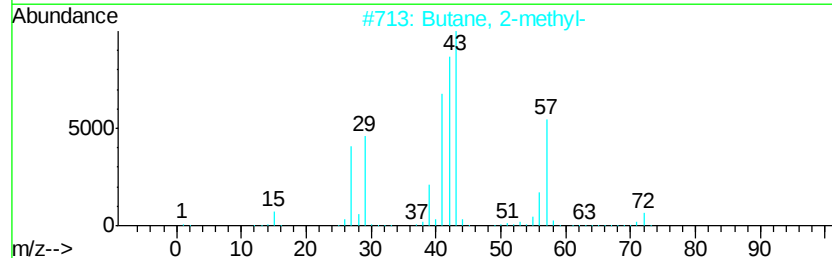
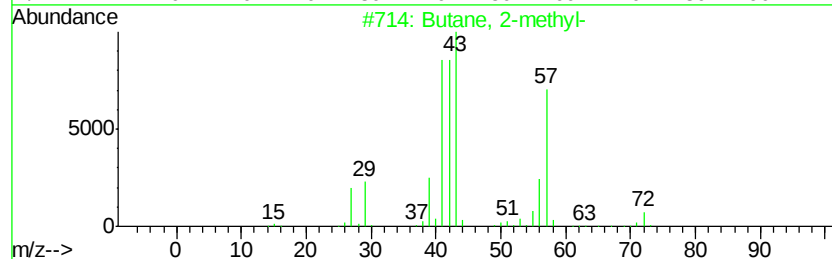
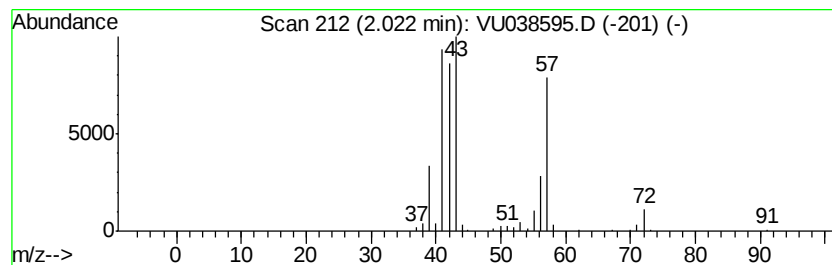
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	1.42 ug/L	200335	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	94
2			Butane, 2-methyl-	72	C5H12	000078-78-4	80
3			Butane, 2-methyl-	72	C5H12	000078-78-4	80
4			Isobutylene epoxide	72	C4H8O	000558-30-5	40
5			3-Buten-1-ol	72	C4H8O	000627-27-0	38



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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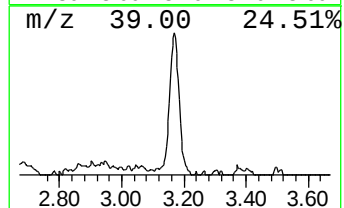
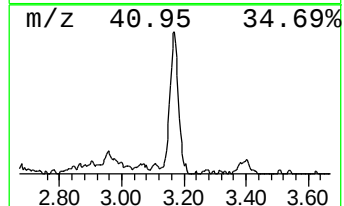
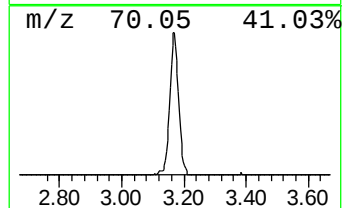
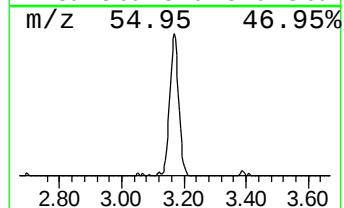
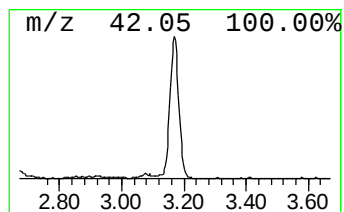
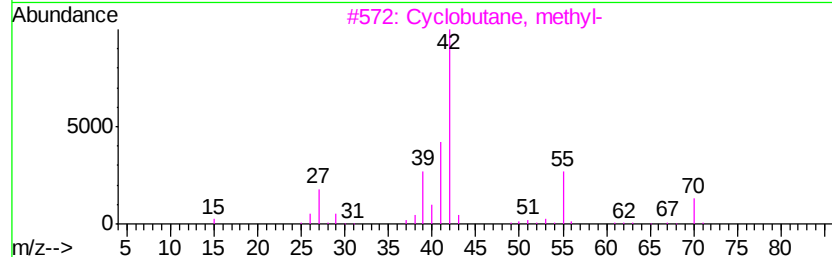
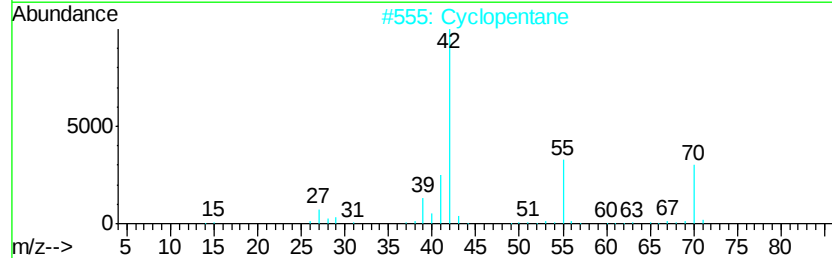
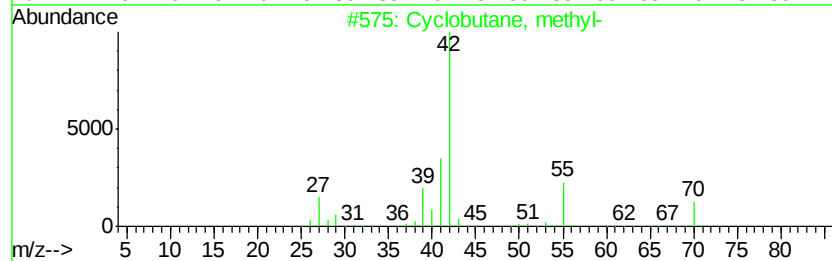
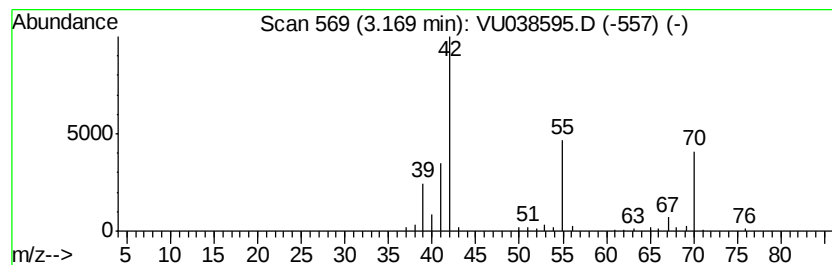
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic3.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	0.73 ug/L	102360	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
2		Cyclopentane	70	C5H10	000287-92-3	78
3		Cyclobutane, methyl-	70	C5H10	000598-61-8	78
4		1-Pentene	70	C5H10	000109-67-1	72
5		Cyclopentane	70	C5H10	000287-92-3	72



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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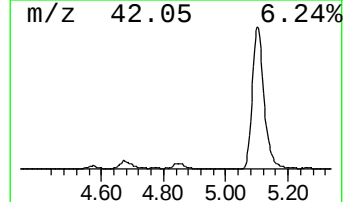
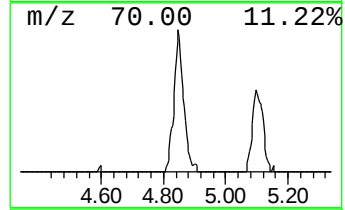
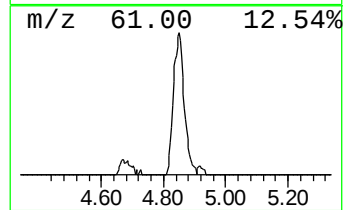
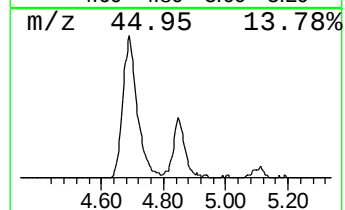
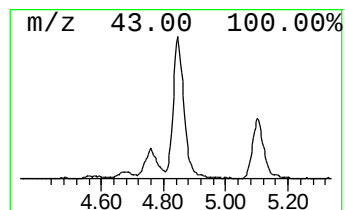
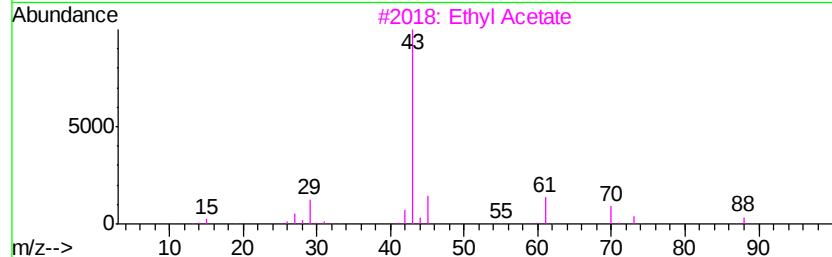
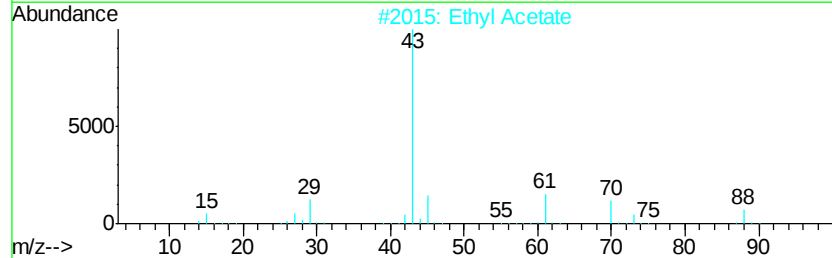
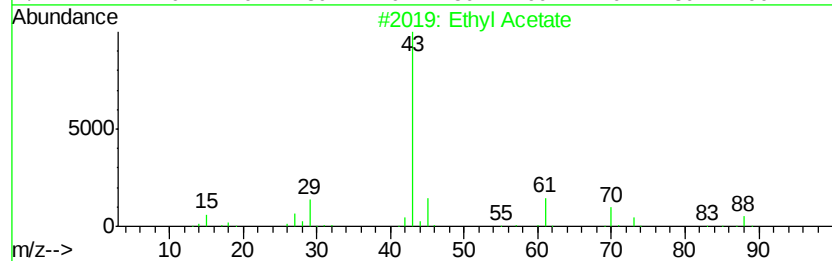
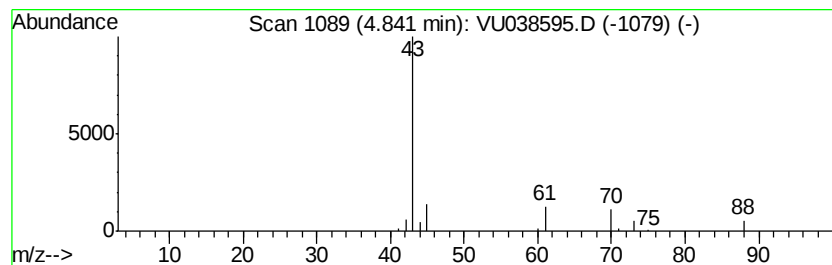
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethyl Acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.54 ug/L	75844	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	78
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53



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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
F9D06

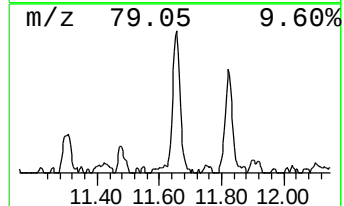
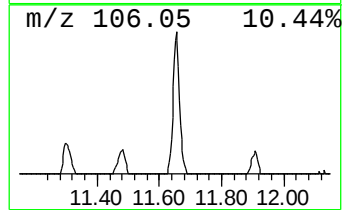
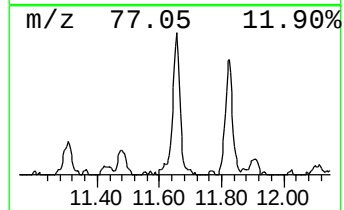
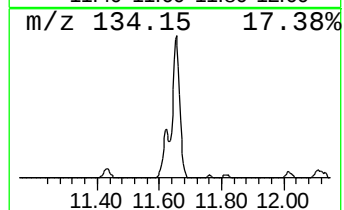
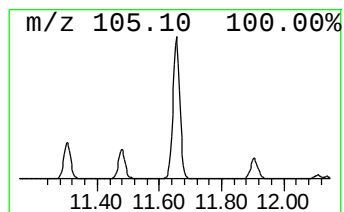
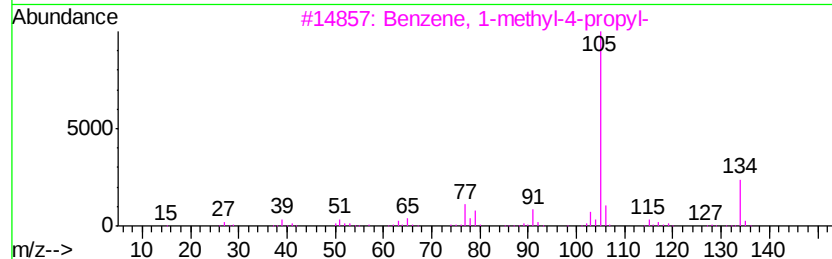
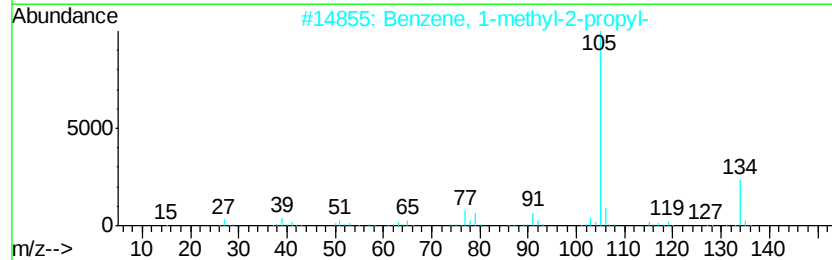
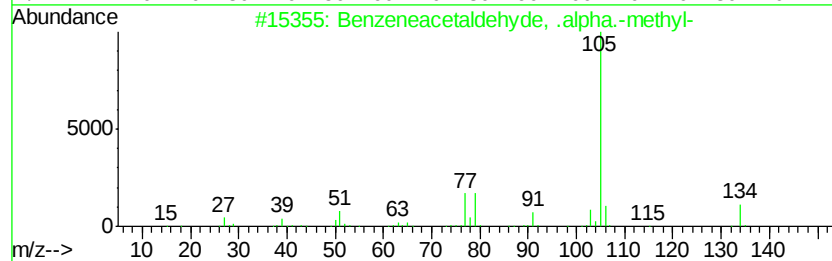
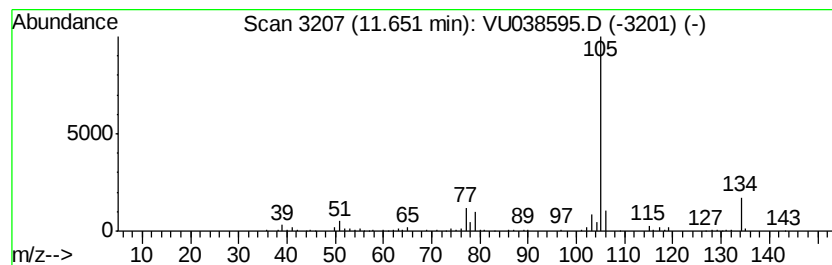
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzeneacetaldehyde, .alpha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.97 ug/L	183504	1,4-Dichlorobenzene-d4	11.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038595.D
Acq On : 06 Jun 2020 02:32
Operator : SY/MD
Sample : L2910-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D06

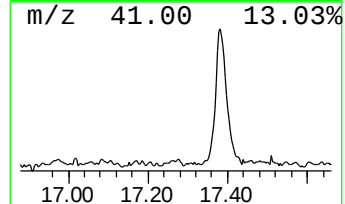
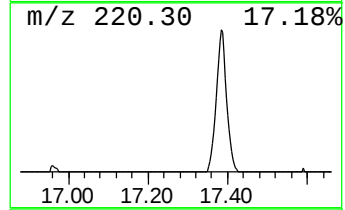
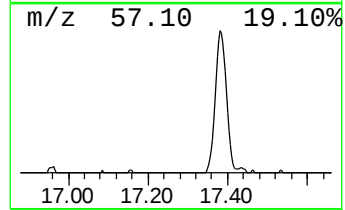
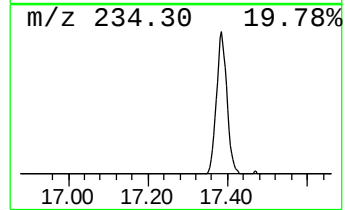
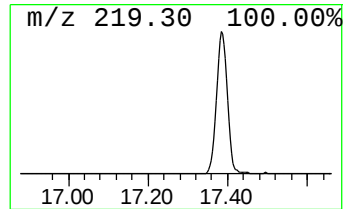
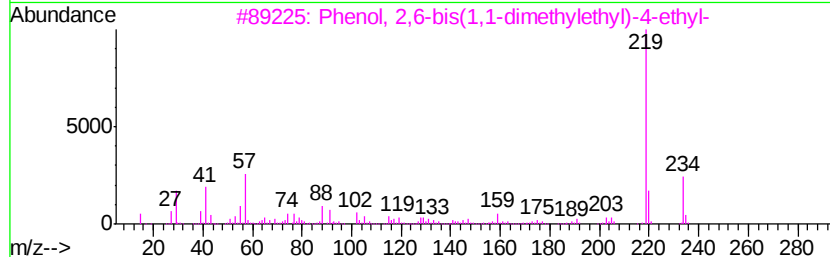
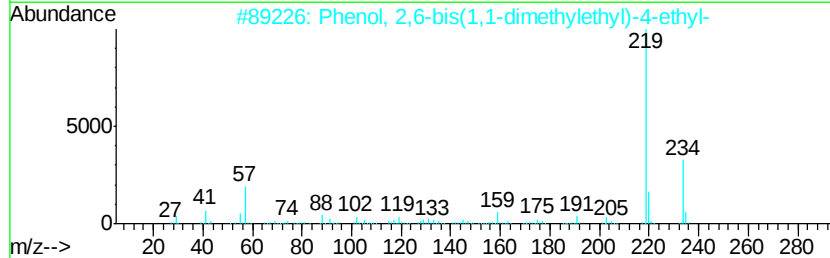
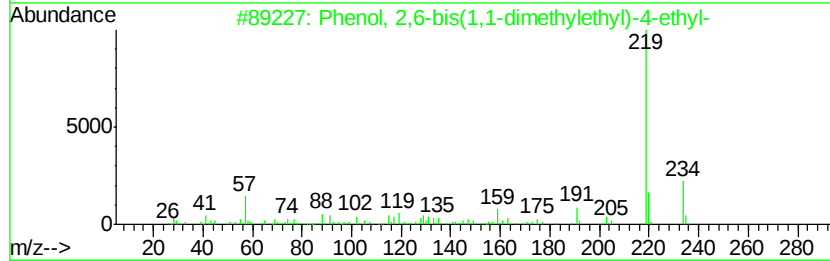
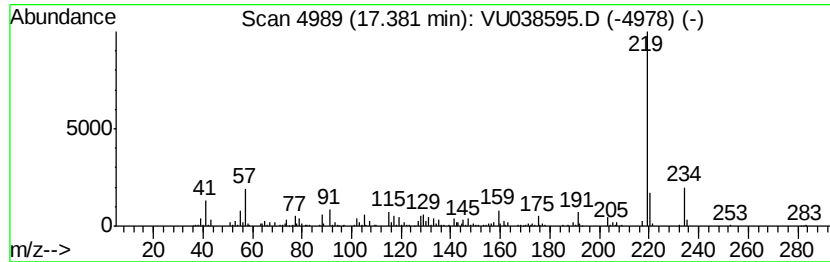
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	1.29 ug/L	245518	1,4-Dichlorobenzene-d4	11.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-bis(1,1-dimethylethyl)-4-ethyl-	234	C16H26O	004130-42-1	96
2		Phenol, 2,6-bis(1,1-dimethylethyl)-4-ethyl-	234	C16H26O	004130-42-1	95
3		Phenol, 2,6-bis(1,1-dimethylethyl)-4-ethyl-	234	C16H26O	004130-42-1	94
4		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	94
5		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038595.D
Acq On : 06 Jun 2020 02:32
Operator : SY/MD
Sample : L2910-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D06

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.5	ug/L	76460	1	6.28	704045	5.0
(DEL) Alkane: Str...	2.02	1.4	ug/L	200335	1	6.28	704045	5.0
(DEL) Alkane: Cyc...	3.17	0.7	ug/L	102360	1	6.28	704045	5.0
Ethyl Acetate	4.84	0.5	ug/L	75844	1	6.28	704045	5.0
Benzeneacetaldehy...	11.65	1.0	ug/L	183504	3	11.82	948922	5.0
Phenol, 2,6-bis(1...	17.38	1.3	ug/L	245518	3	11.82	948922	5.0