

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121919\
 Data File : VU036291.D
 Acq On : 19 Dec 2019 18:34
 Operator : JC/MD
 Sample : K6282-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW6

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\SOMUTR121319WMA.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	1.373	4	10	21	rBV3	50635	58650	6.58%	0.630%
2	1.617	76	86	99	rBV	184906	220031	24.67%	2.365%
3	1.704	109	113	120	rVB	12406	14226	1.60%	0.153%
4	1.935	176	185	198	rVB	141367	187659	21.04%	2.017%
5	2.598	376	391	403	rBV	201337	332497	37.28%	3.574%
6	2.665	404	412	423	rVB	11076	19058	2.14%	0.205%
7	4.684	1025	1040	1082	rBV	131356	402177	45.09%	4.323%
8	5.112	1156	1173	1196	rBV	176302	402590	45.14%	4.328%
9	5.771	1353	1378	1399	rBV2	339017	883779	99.09%	9.501%
10	6.292	1525	1540	1561	rBV	297941	577990	64.81%	6.213%
11	6.581	1617	1630	1647	rBV	176256	336117	37.69%	3.613%
12	6.732	1661	1677	1698	rBV2	212154	421239	47.23%	4.528%
13	6.922	1728	1736	1748	rVB7	5676	9785	1.10%	0.105%
14	7.601	1933	1947	1968	rBV2	95810	180078	20.19%	1.936%
15	7.932	2034	2050	2062	rBV	368855	648630	72.73%	6.973%
16	8.002	2062	2072	2088	rVB	184570	327520	36.72%	3.521%
17	8.211	2126	2137	2152	rBV	63103	113112	12.68%	1.216%
18	8.678	2268	2282	2318	rBV	342076	891883	100.00%	9.588%
19	8.822	2320	2327	2345	rVB3	29562	60556	6.79%	0.651%
20	9.446	2508	2521	2543	rBV	451893	788877	88.45%	8.480%
21	10.379	2801	2811	2829	rBV6	19049	36095	4.05%	0.388%
22	10.784	2923	2937	2955	rBV	181347	306672	34.38%	3.297%
23	11.716	3211	3227	3240	rBV4	42706	67980	7.62%	0.731%
24	11.835	3251	3264	3287	rVB	389566	679780	76.22%	7.308%
25	12.218	3368	3383	3401	rBV	366868	622696	69.82%	6.694%
26	12.909	3586	3598	3614	rBV2	113838	174471	19.56%	1.876%
27	13.671	3827	3835	3846	rVB	6420	9684	1.09%	0.104%
28	13.983	3920	3932	3948	rBV2	121190	199302	22.35%	2.142%
29	14.105	3960	3970	3980	rBV	48801	77200	8.66%	0.830%
30	14.176	3984	3992	4000	rVB4	17976	25218	2.83%	0.271%
31	14.694	4143	4153	4162	rVB2	18352	27348	3.07%	0.294%
32	14.858	4194	4204	4214	rVB3	27421	42269	4.74%	0.454%
33	15.063	4259	4268	4278	rBV3	14994	22878	2.57%	0.246%
34	15.330	4342	4351	4359	rBV6	12226	18983	2.13%	0.204%

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ClientSampleId :
BFDW6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Title : TRACE VOA SOM01.0

35	16.134	4593	4601	4613	rbV8	26411	46691	5.24%	0.502%
36	16.324	4651	4660	4670	rbV2	45478	68642	7.70%	0.738%

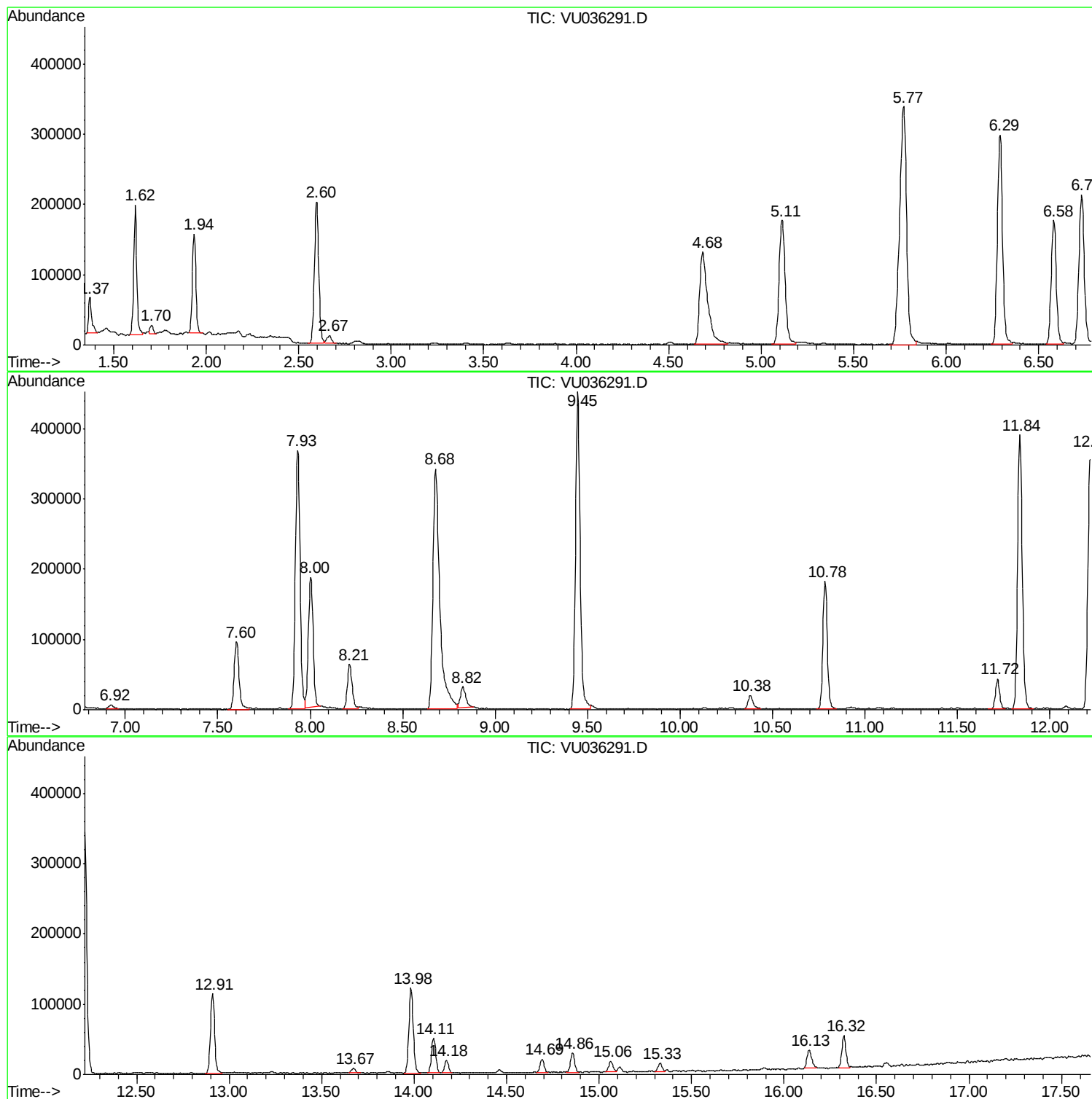
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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



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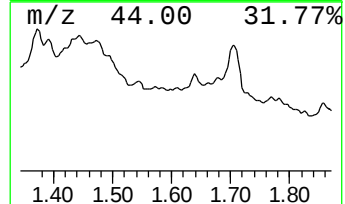
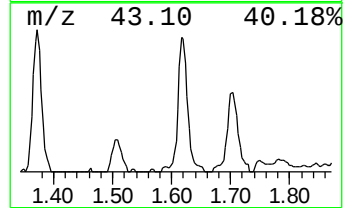
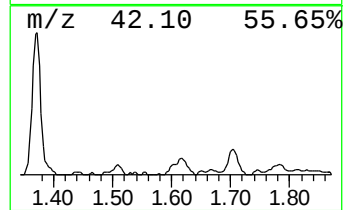
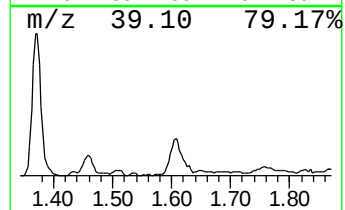
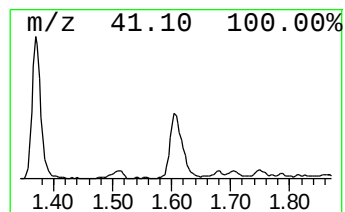
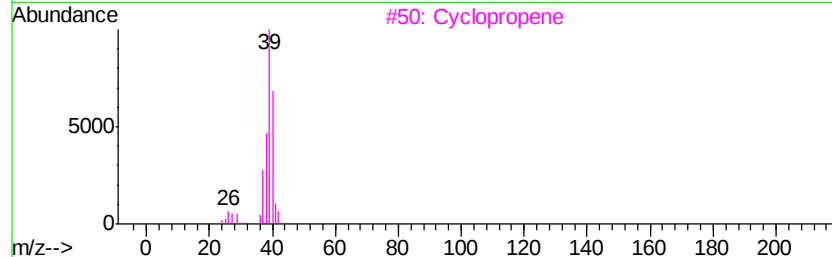
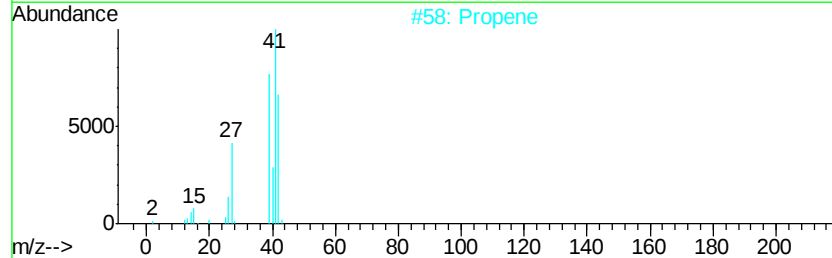
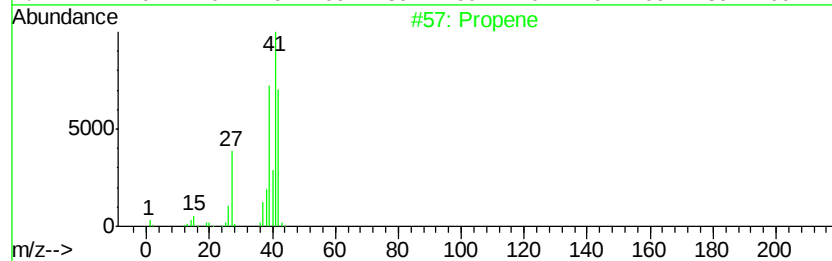
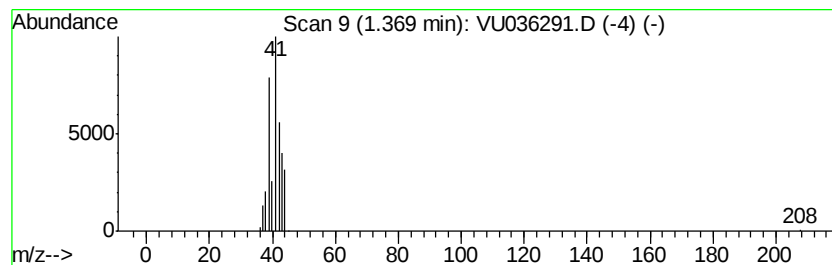
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic1.37 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.51 ug/L	58650	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropene	40	C3H4	002781-85-3	9
4		Cyclopropane	42	C3H6	000075-19-4	9
5		Cyclopropane	42	C3H6	000075-19-4	7



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
BFDW6

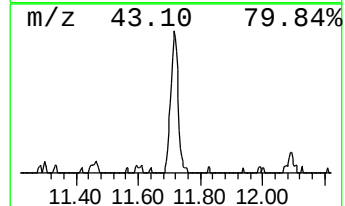
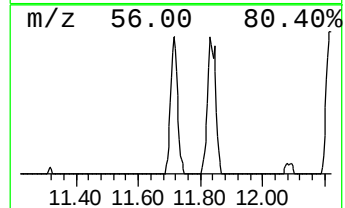
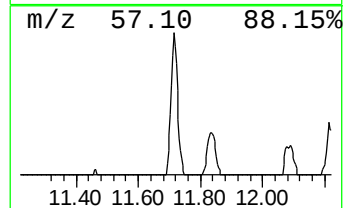
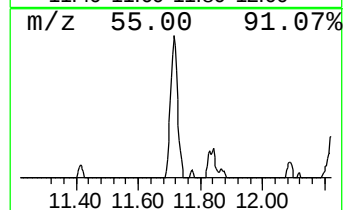
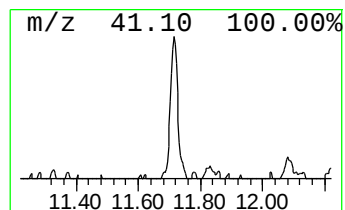
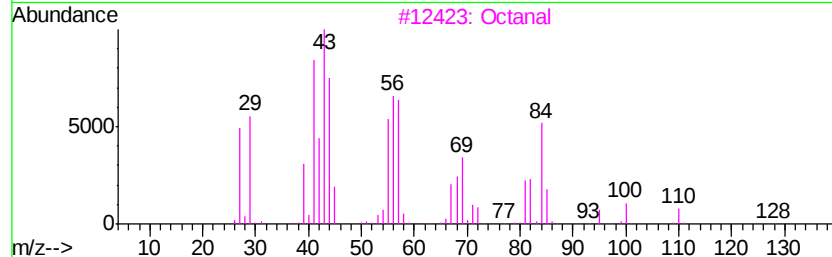
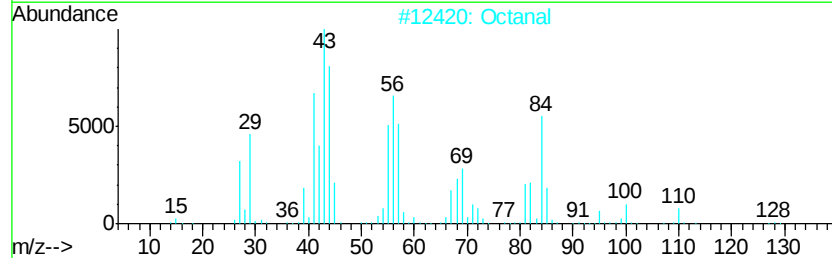
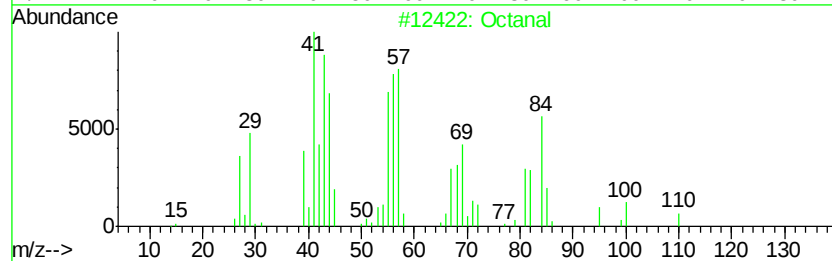
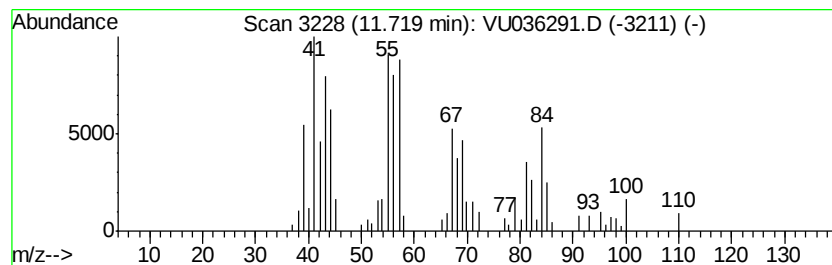
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Octanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	0.50 ug/L	67980	1,4-Dichlorobenzene-d4	11.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal		128	C8H16O	000124-13-0	86
2	Octanal		128	C8H16O	000124-13-0	64
3	Octanal		128	C8H16O	000124-13-0	59
4	Octanal		128	C8H16O	000124-13-0	53
5	3-Chlorohexane		120	C6H13Cl	002346-81-8	43



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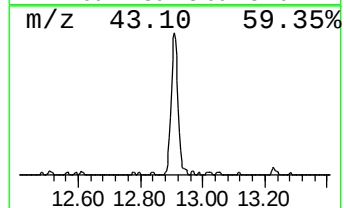
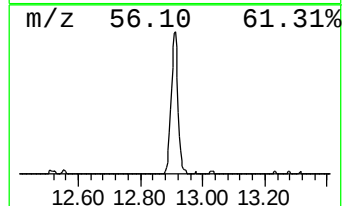
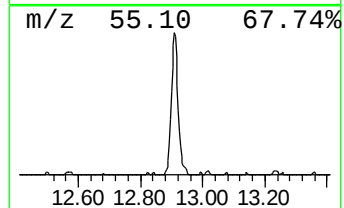
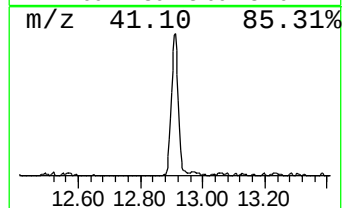
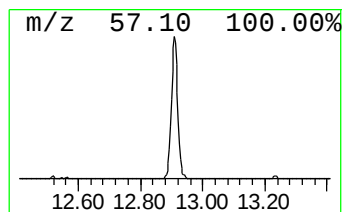
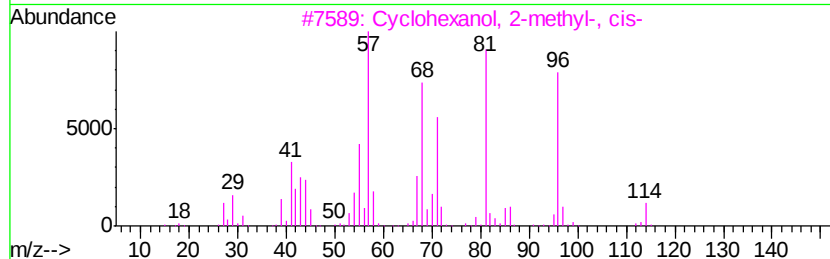
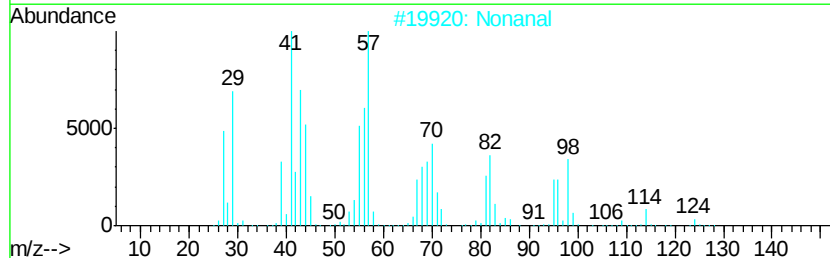
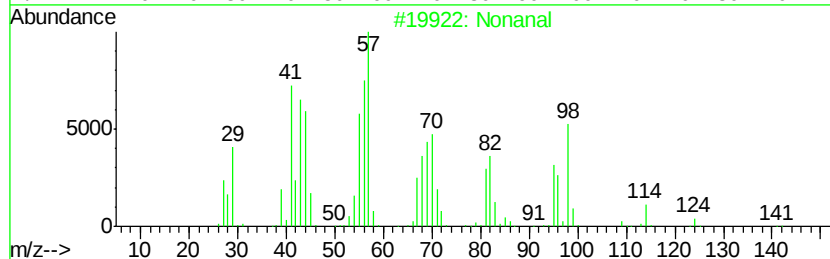
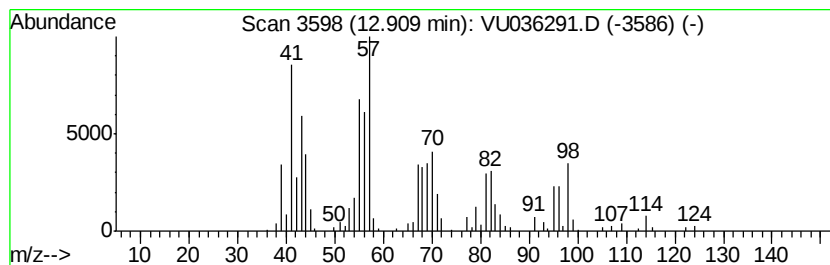
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	1.28 ug/L	174471	1,4-Dichlorobenzene-d4	11.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	86
2	Nonanal		142	C9H18O	000124-19-6	72
3	Cyclohexanol, 2-methyl-, cis-		114	C7H14O	007443-70-1	42
4	Cyclohexanol, 2-methyl-, trans-		114	C7H14O	007443-52-9	42
5	Cyclohexanol, 2-methyl-, cis-		114	C7H14O	007443-70-1	38



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW6

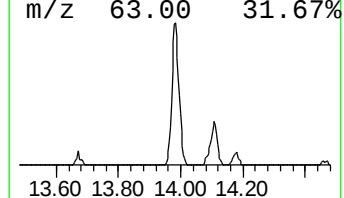
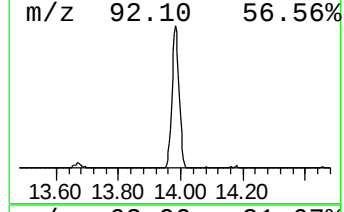
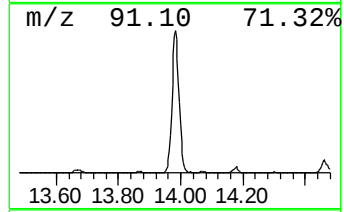
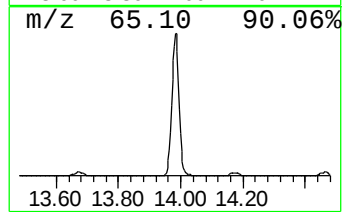
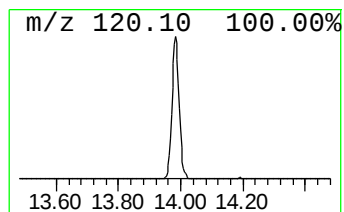
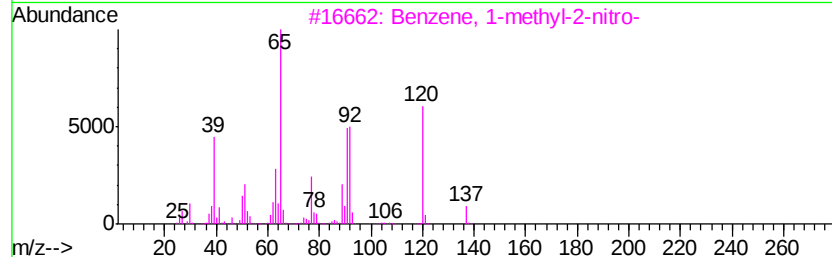
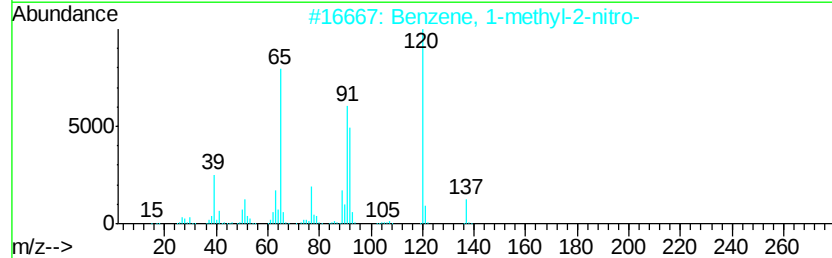
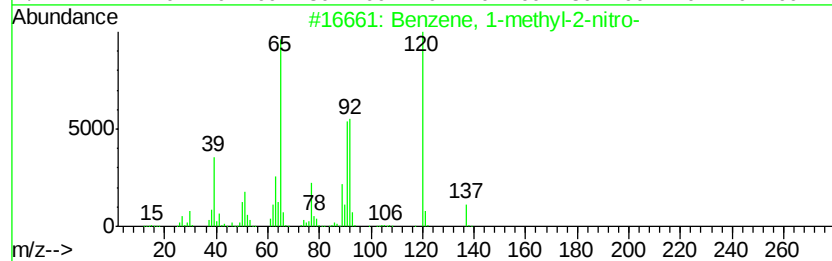
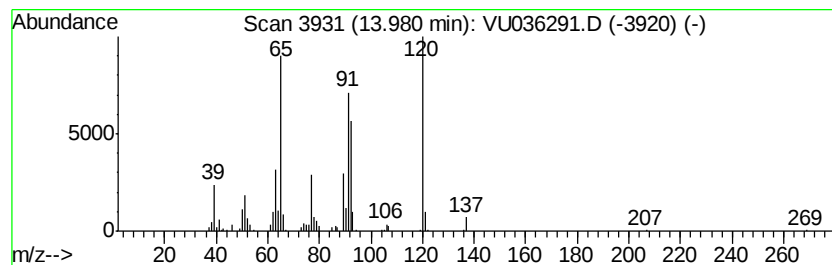
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, 1-methyl-2-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	1.47 ug/L	199302	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	96
2		Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	91
3		Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	90
4		Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	90
5		Benzeneacetaldehyde	120	C8H8O	000122-78-1	72



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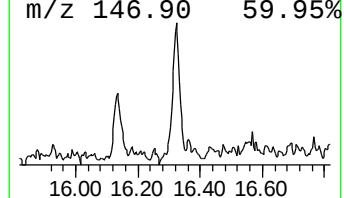
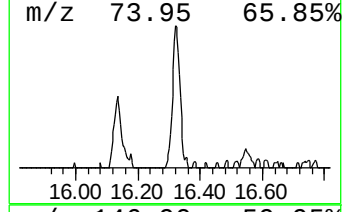
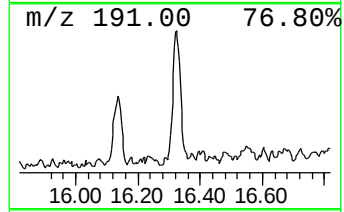
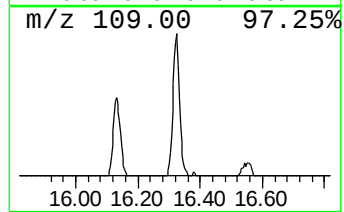
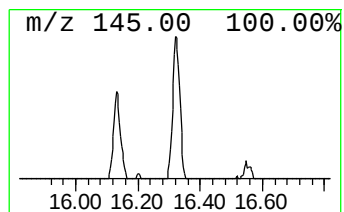
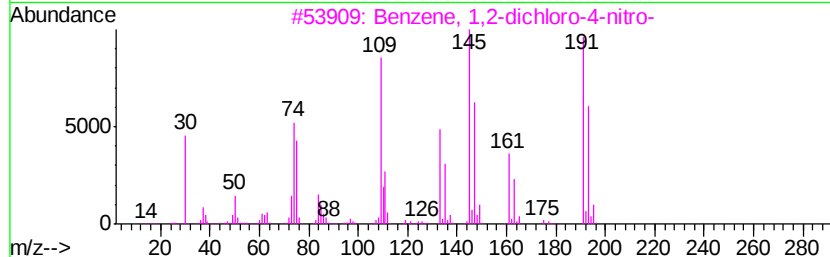
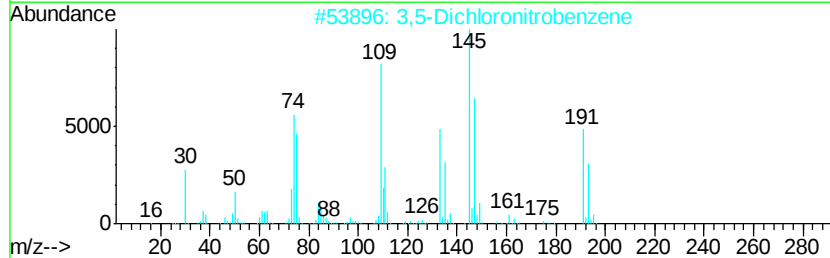
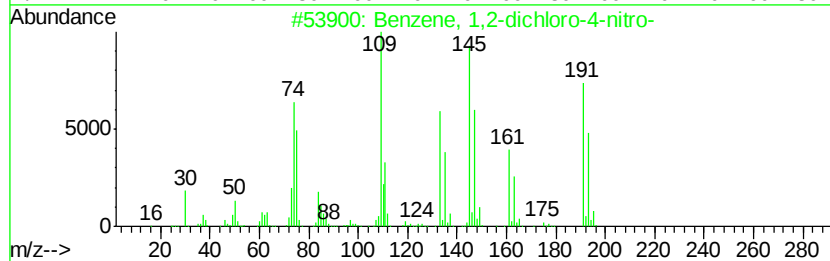
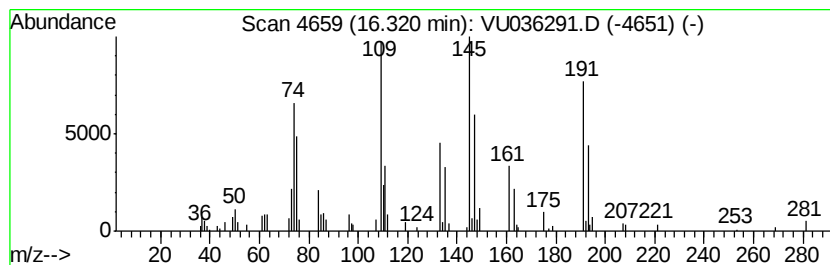
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1,2-dichloro-4-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	0.50 ug/L	68642	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-4-nitro-	191	C6H3Cl2NO2	000099-54-7	99
2		3,5-Dichloronitrobenzene	191	C6H3Cl2NO2	000618-62-2	98
3		Benzene, 1,2-dichloro-4-nitro-	191	C6H3Cl2NO2	000099-54-7	97
4		Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	96
5		Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\
Data File : VU036291.D
Acq On : 19 Dec 2019 18:34
Operator : JC/MD
Sample : K6282-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.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
(DEL) Alkane: Cyc...	1.37	0.5	ug/L	58650	1	6.29	577990	5.0
Octanal	11.72	0.5	ug/L	67980	3	11.84	679780	5.0
Nonanal	12.91	1.3	ug/L	174471	3	11.84	679780	5.0
Benzene, 1-methyl...	13.98	1.5	ug/L	199302	3	11.84	679780	5.0
Benzene, 1,2-dich...	16.32	0.5	ug/L	68642	3	11.84	679780	5.0