LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_X\Method\82X112222W.M
Title : SW846 8260

Signal : TIC: VX032994.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.374	41	47	53	rVV	62329	67591	1.98%	0.311%
2	1.746	102	108	118	rBV	356788	464799	13.60%	2.142%
3	1.947	136	141	154	rVB2	168092	282705	8.27%	1.303%
4	2.063	154	160	167	rVV	34903	49603	1.45%	0.229%
5	2.209	180	184	195	rVB	77718	121775	3.56%	0.561%
6	2.776	260	277	280	rBV4	33247	100911	2.95%	0.465%
7	2.825	280	285	288	rVV	85360	174842	5.12%	0.806%
8	2.861	288	291	316	rVB3	77080	194279	5.69%	0.895%
9	3.099	319	330	345	rVB	68186	157321	4.60%	0.725%
10	3.318	357	366	375	rBV2	16242	40050	1.17%	0.185%
11	3.446	378	387	396	rBV	38829	85772	2.51%	0.395%
12	3.727	427	433	443	rVB	37732	89467	2.62%	0.412%
13	3.837	443	451	457	rBV2	23266	59938	1.75%	0.276%
14	4.099	483	494	505	rVB	28314	72596	2.12%	0.335%
15	4.300	517	527	540	rVV	185826	532895	15.60%	2.456%
16	5.196	662	674	686	rVB	37123	115126	3.37%	0.531%
17	5.385	693	705	711	rBV	58900	171632	5.02%	0.791%
18	5.470	711	719	726	rVV	114484	357016	10.45%	1.645%
19	5.550	726	732	766	rVB	131149	426018	12.47%	1.963%
20	5.830	768	778	789	rVB6	12984	43218	1.26%	0.199%
21	5.958	789	799	805	rBV2	59729	157689	4.62%	0.727%
22	6.037	805	812	823	rVB	79916	206131	6.03%	0.950%
23	6.251	843	847	856	rVB3	16779	43551	1.27%	0.201%
24	6.361	856	865	876	rVB3	18398	52551	1.54%	0.242%
25	6.763	922	931	940	rBV	195603	484560	14.18%	2.233%
26	7.171	987	998	1009	rVB2	21369	50059	1.47%	0.231%
27	7.379	1019	1032	1045	rVB3	88514	220207	6.45%	1.015%
28	8.141	1145	1157	1162	rBV	44196	91021	2.66%	0.419%
29	8.507	1209	1217	1226	rVB	31513	56280	1.65%	0.259%
30	8.647	1234	1240	1247	rVB	270972	413948	12.12%	1.908%
31	8.720	1247	1252	1258	rVB	121805	181124	5.30%	0.835%
32	8.958	1287	1291	1299	rVB	25099	40559	1.19%	0.187%
33	9.043	1299	1305	1311	rBV	21655	34624	1.01%	0.160%
34	10.055	1465	1471	1477	rBV	405329	531553	15.56%	2.450%
35	10.195	1488	1494	1503	rVB	1227187	1565836	45.83%	7.216%
36	10.299	1503	1511	1526	rVB	2473688	3416632	100.00%	15.745%

LSC Area Percent Report

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Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_X\Method\82X112222W.M
Title : SW846 8260

37	10.640	1562	1567	1581	rVB	641341	824832	24.14%	3.801%
38	10.963	1614	1620	1630	rBV	97465	121507	3.56%	0.560%
39	11.079	1634	1639	1652	rVB	284305	372110	10.89%	1.715%
40	11.305	1671	1676	1683	rBV	257655	304750	8.92%	1.404%
41	11.378	1683	1688	1690	rBV	698318	894433	26.18%	4.122%
42	11.451	1696	1700	1707	rVB	379566	453178	13.26%	2.088%
43	11.610	1721	1726	1737	rVB	459810	585508	17.14%	2.698%
44	11.750	1744	1749	1756	rVB	1888792	2375591	69.53%	10.948%
45	12.024	1789	1794	1799	rVV	453462	560611	16.41%	2.584%
46	12.085	1799	1804	1810	rVB	537158	674869	19.75%	3.110%
47	12.244	1824	1830	1838	rBV2	516113	705653	20.65%	3.252%
48	12.317	1838	1842	1852	rVB3	109532	165698	4.85%	0.764%
49	12.408	1852	1857	1862	rBV2	27869	40100	1.17%	0.185%
50	12.463	1862	1866	1872	rVB	39011	46689	1.37%	0.215%
51	12.530	1872	1877	1879	rBV	88133	108938	3.19%	0.502%
52	12.555	1879	1881	1886	rVB	78963	83472	2.44%	0.385%
53	12.616	1886	1891	1894	rBV	145901	179613	5.26%	0.828%
54	12.646	1894	1896	1900	rVB	46529	47226	1.38%	0.218%
55	12.701	1900	1905	1913	rBV2	129631	182950	5.35%	0.843%
56	12.847	1924	1929	1935	rBV2	42524	53823	1.58%	0.248%
57	12.920	1935	1941	1944	rBV	89456	106516	3.12%	0.491%
58	12.963	1944	1948	1954	rVB	134947	156715	4.59%	0.722%
59	13.170	1978	1982	1987	rVB	107996	125670	3.68%	0.579%
60	13.292	1997	2002	2007	rVB2	239658	309826	9.07%	1.428%
61	13.426	2019	2024	2031	rVB	57706	77055	2.26%	0.355%
62	13.585	2046	2050	2056	rVV2	22347	38656	1.13%	0.178%
63	13.664	2060	2063	2069	rVB2	23642	34863	1.02%	0.161%
64	13.774	2076	2081	2090	rVB	431363	538075	15.75%	2.480%
65	14.219	2149	2154	2159	rBV2	17702	34397	1.01%	0.159%
66	14.640	2218	2223	2233	rVB	158668	205607	6.02%	0.948%
67	14.780	2241	2246	2256	rBV	105708	136746	4.00%	0.630%

Sum of corrected areas: 21699556

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
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Acq On : 22 Nov 2022 21:27
Operator : JC/MD
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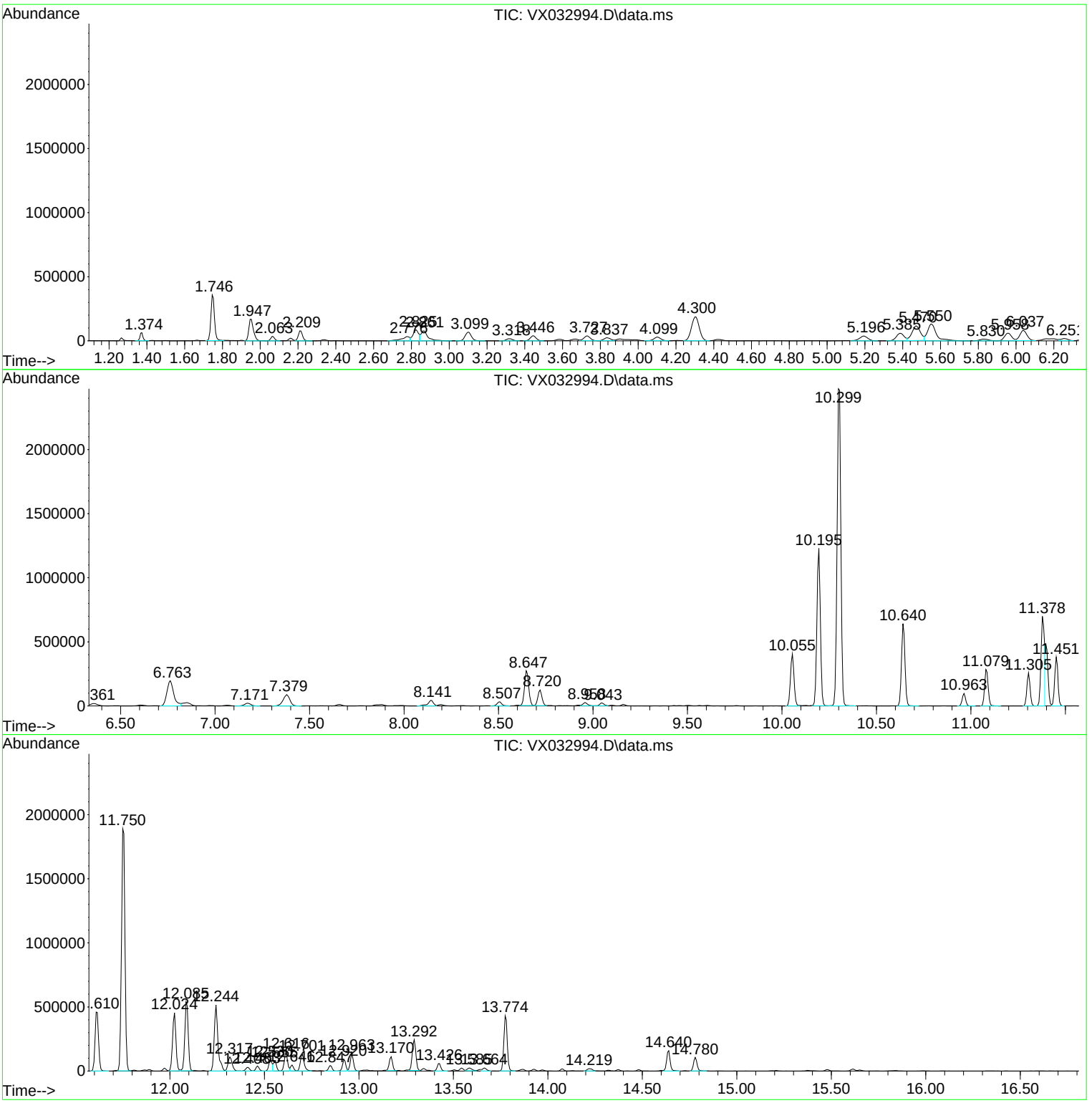
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

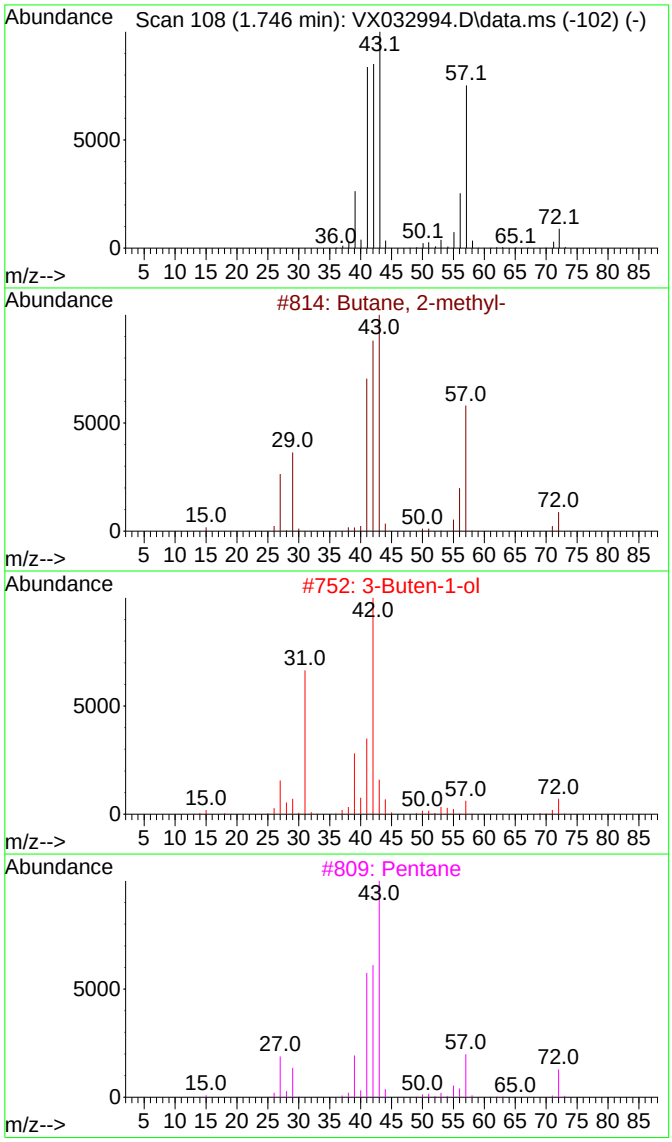
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

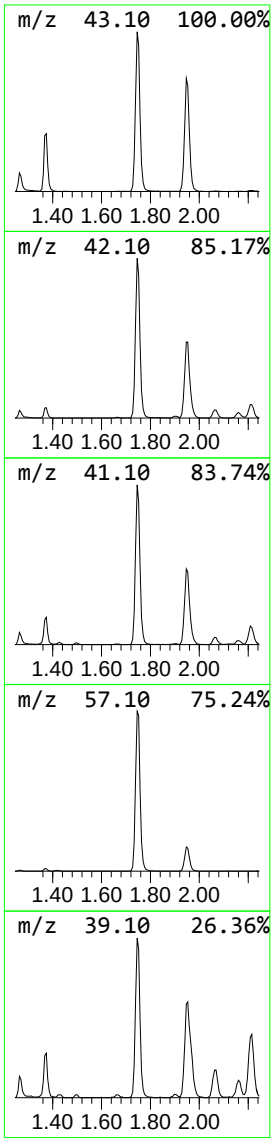
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.746	54.55 ug/l	464799	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	3-Buten-1-ol	72	C4H8O	000627-27-0	43
3	Pentane	72	C5H12	000109-66-0	38
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

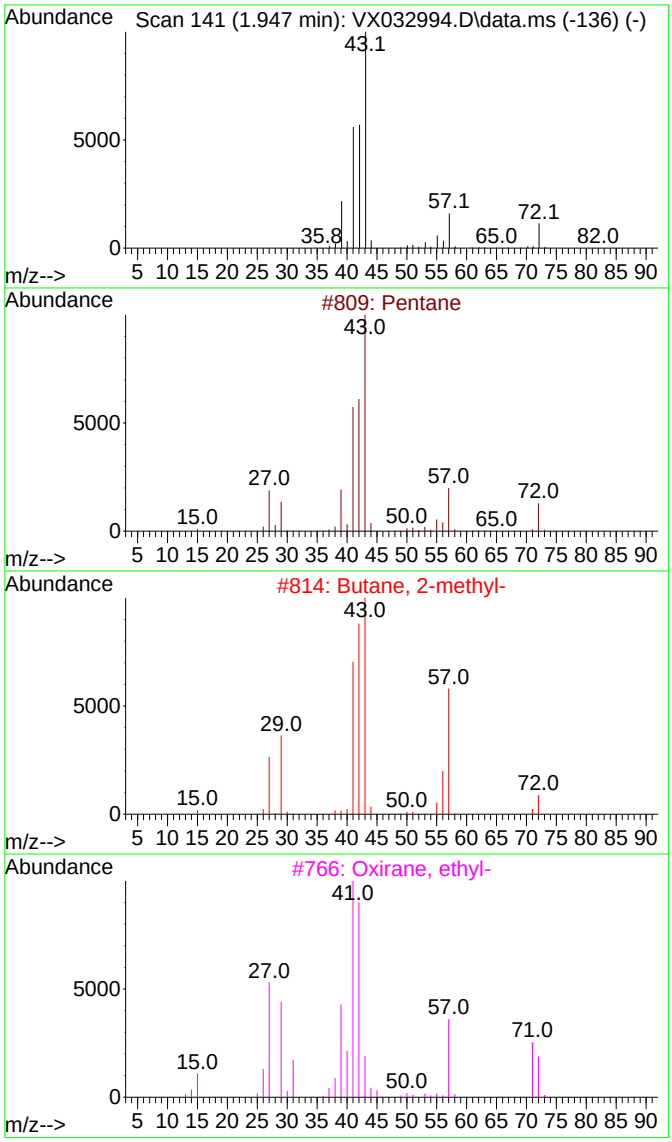
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

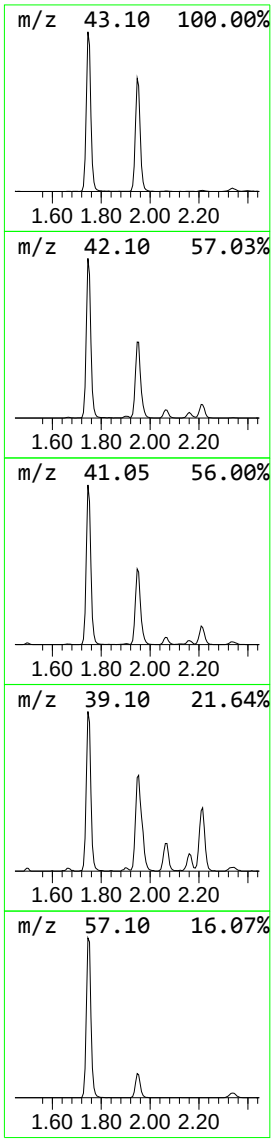
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.947	33.18 ug/l	282705	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	53
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
4	Isobutyl nitrite	103	C4H9NO2	000542-56-3	9
5	Butanenitrile, 2-hydroxy-3-methyl-	99	C5H9NO	010021-64-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

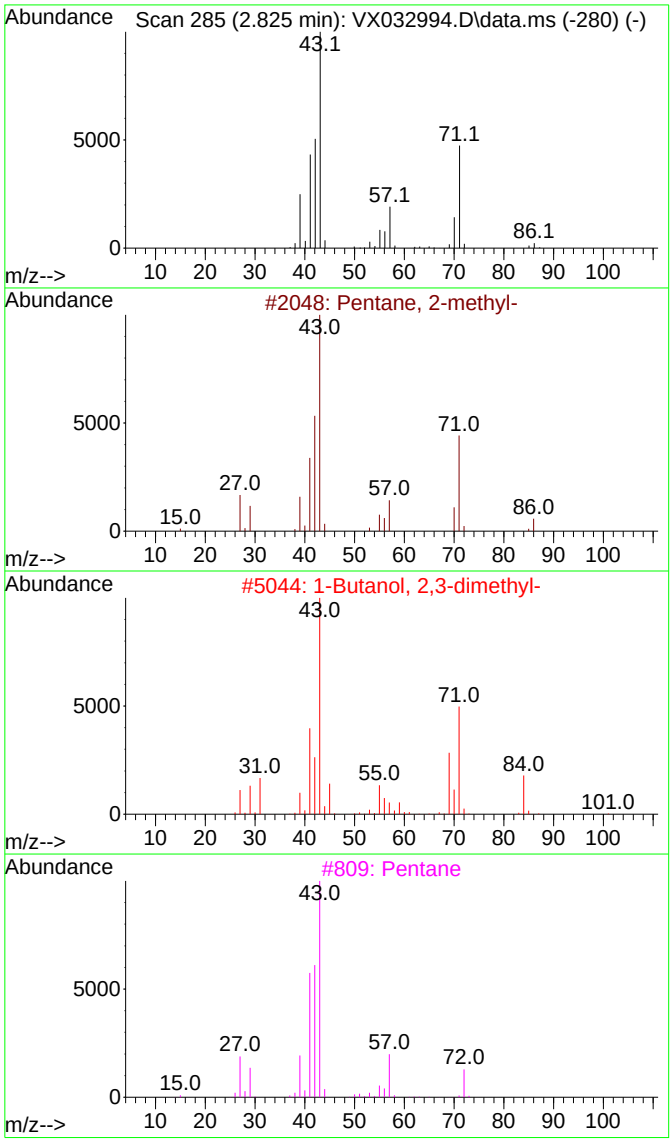
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

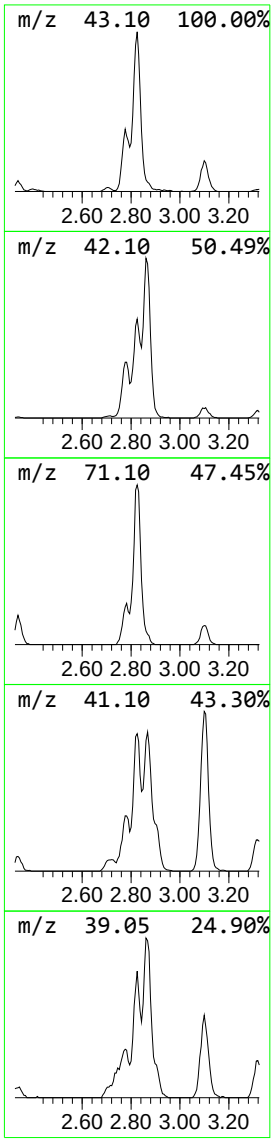
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	20.52 ug/l	174842	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	50
3	Pentane	72	C5H12	000109-66-0	43
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

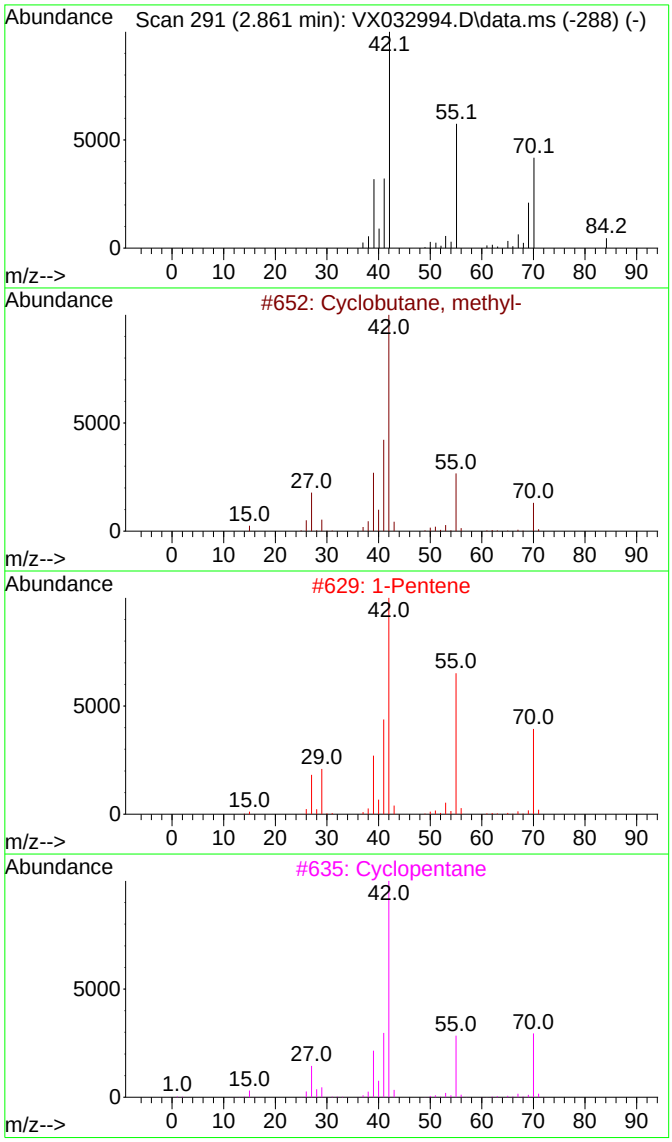
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

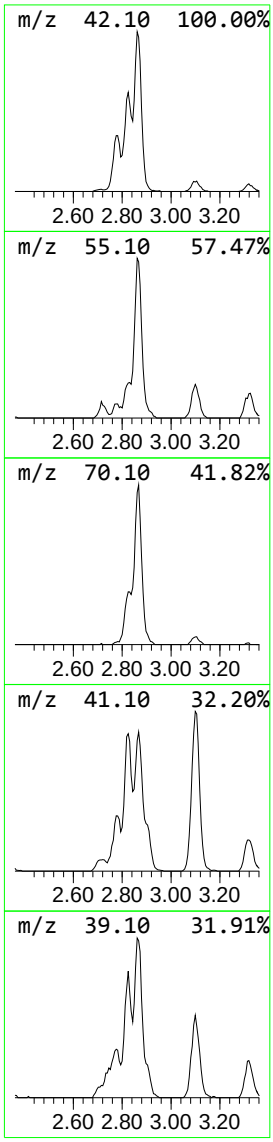
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclobutane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.861	22.80 ug/l	194279	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	1-Pentene	70	C5H10	000109-67-1	72
3	Cyclopentane	70	C5H10	000287-92-3	56
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	38
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
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Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

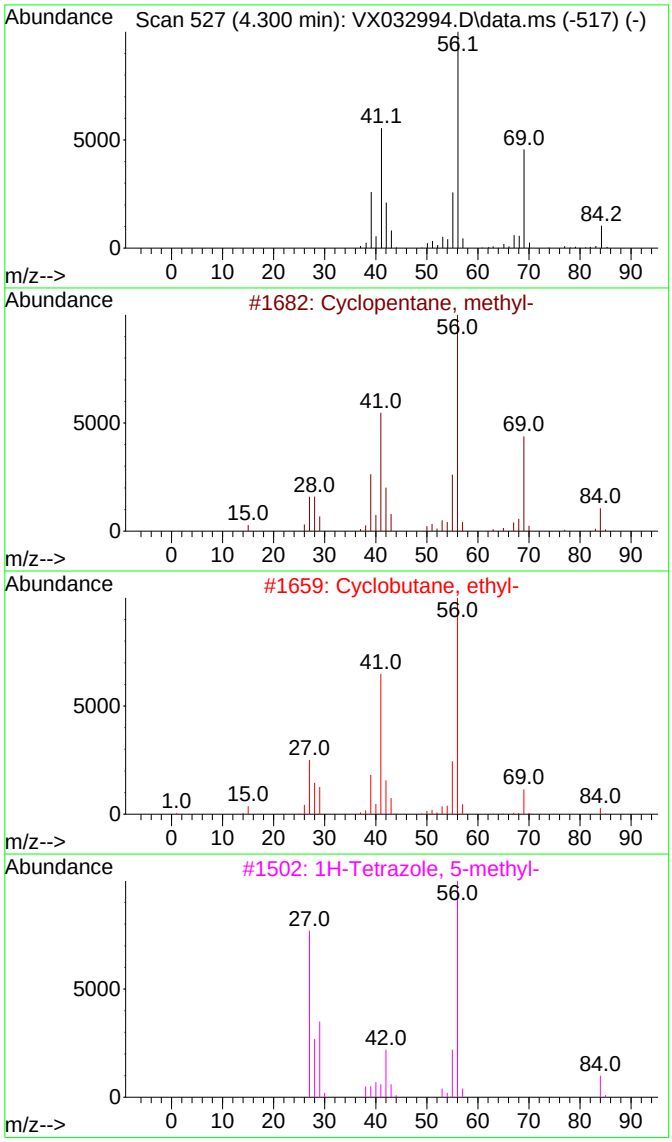
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

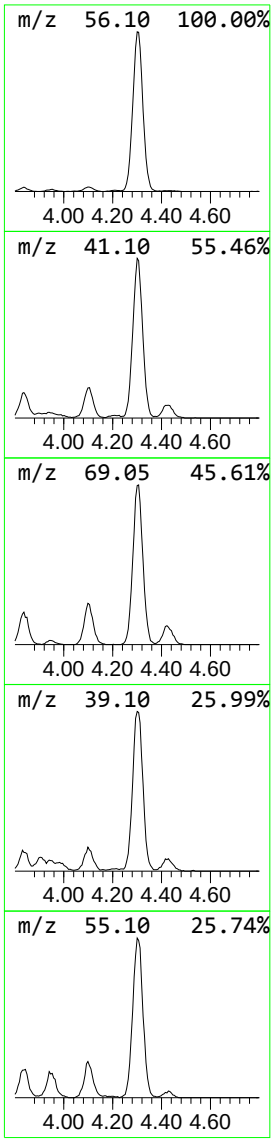
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.300	62.54 ug/l	532895	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

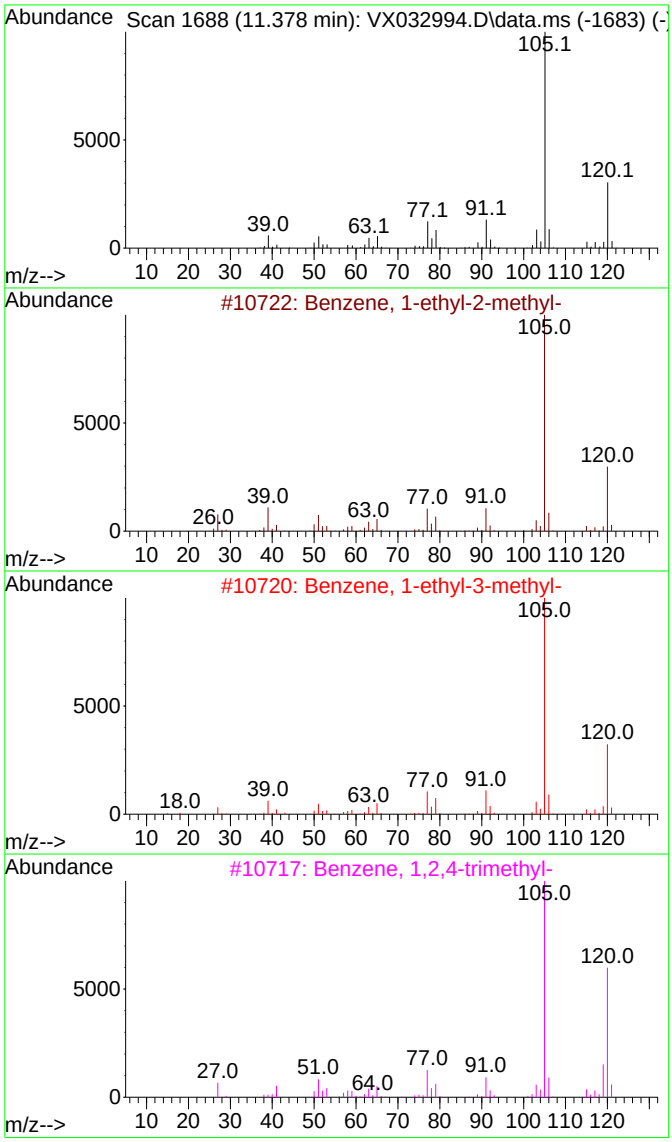
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

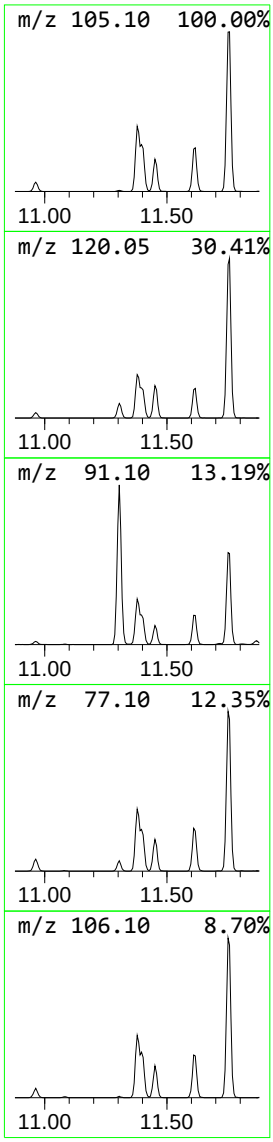
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	79.77 ug/l	894433	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

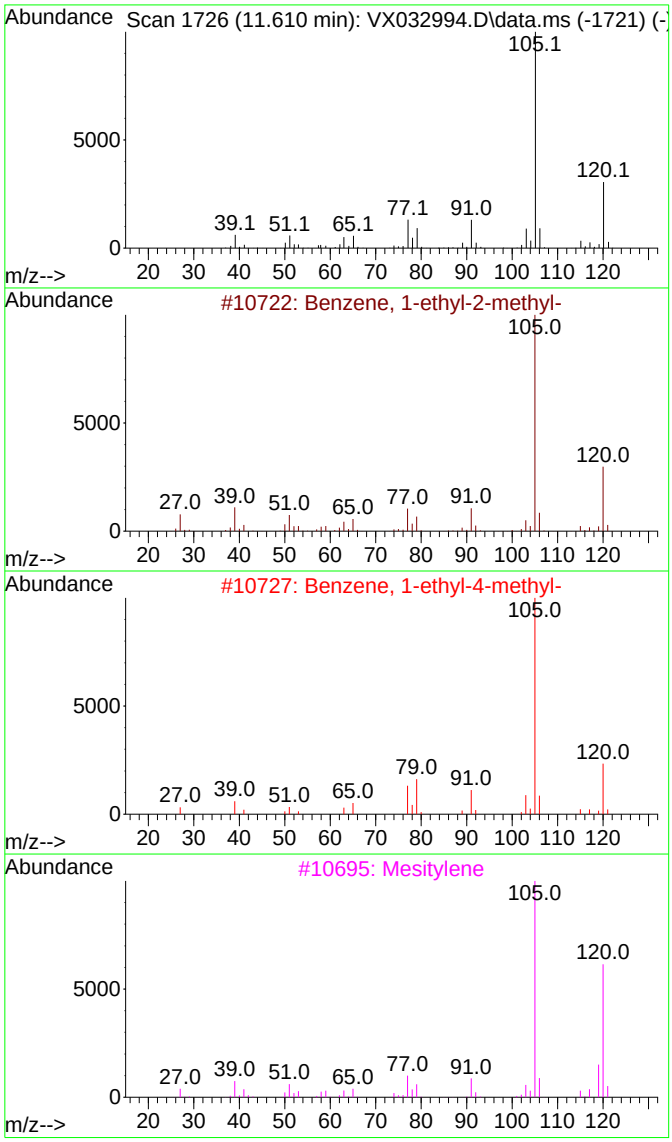
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

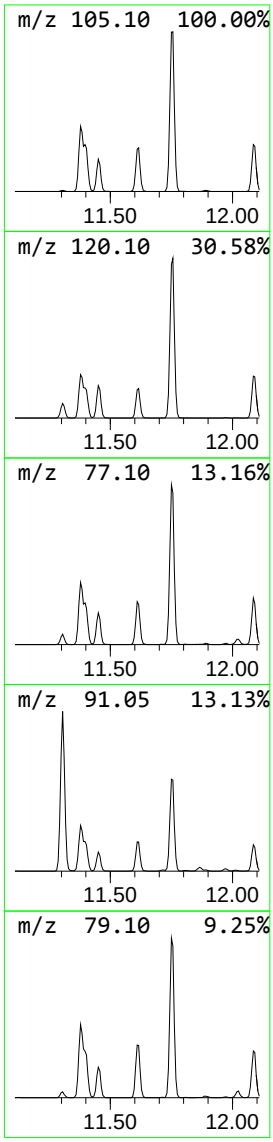
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	52.22 ug/l	585508	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

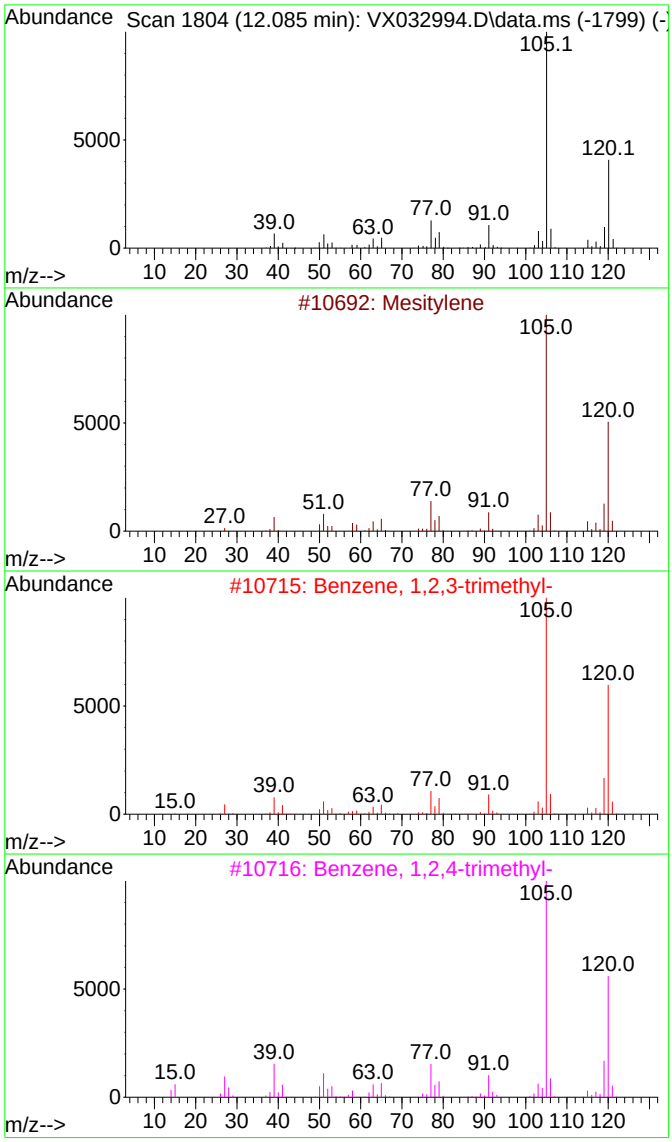
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

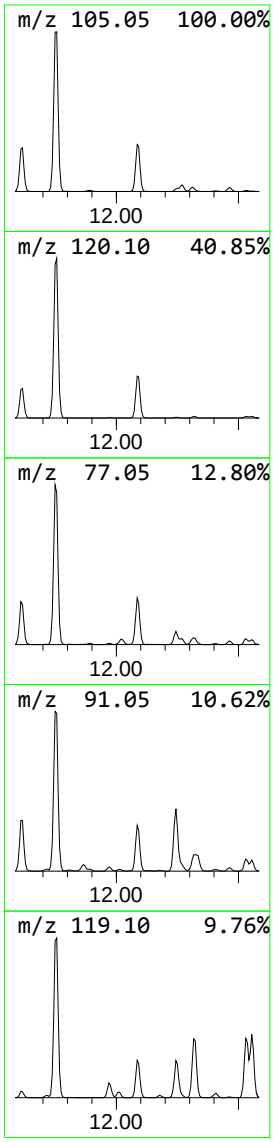
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	60.19 ug/l	674869	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

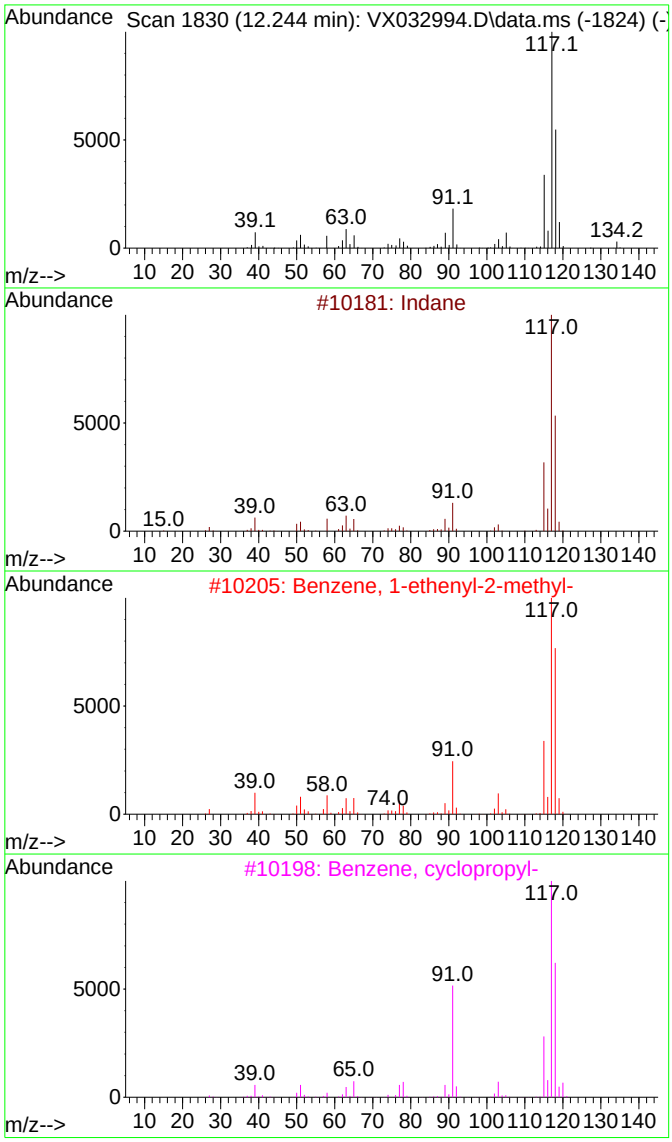
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

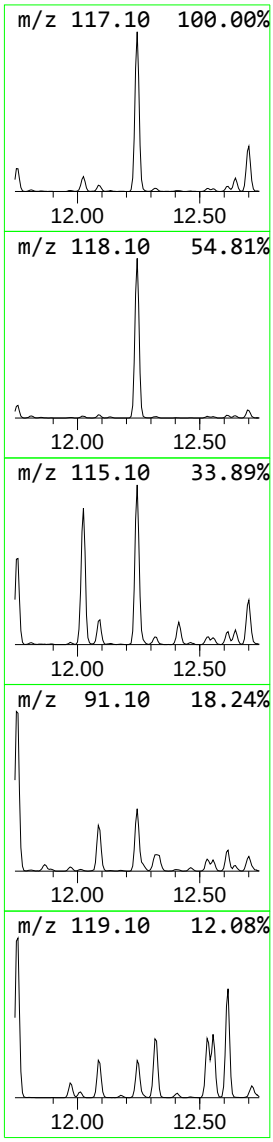
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	62.94 ug/l	705653	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Deltacyclene	118	C9H10	007785-10-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

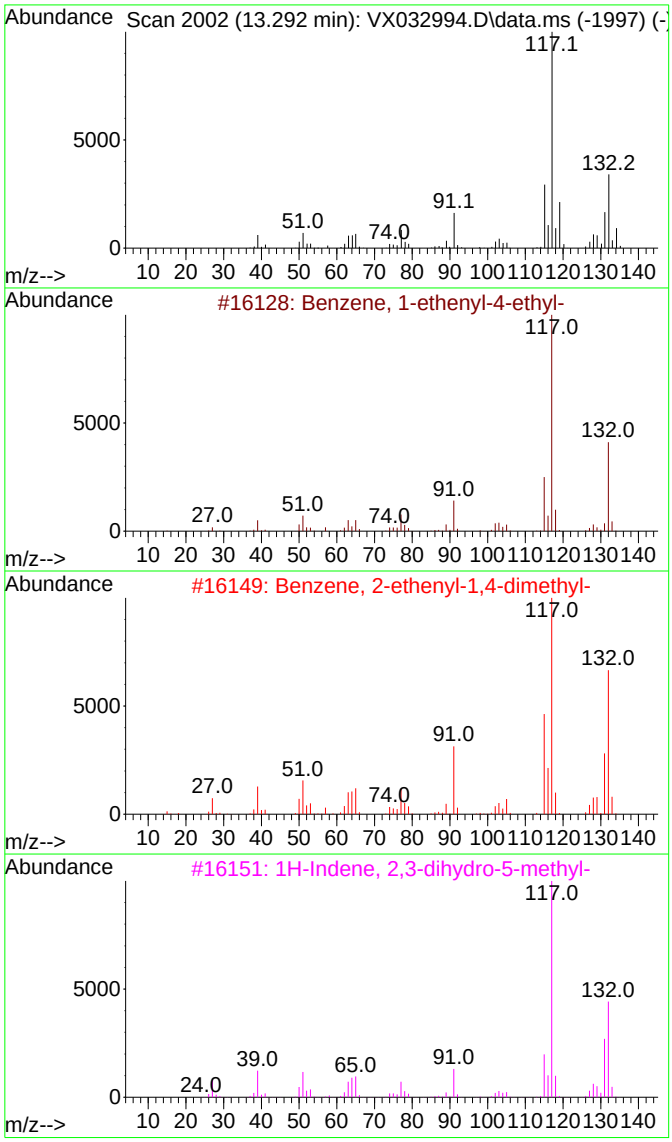
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

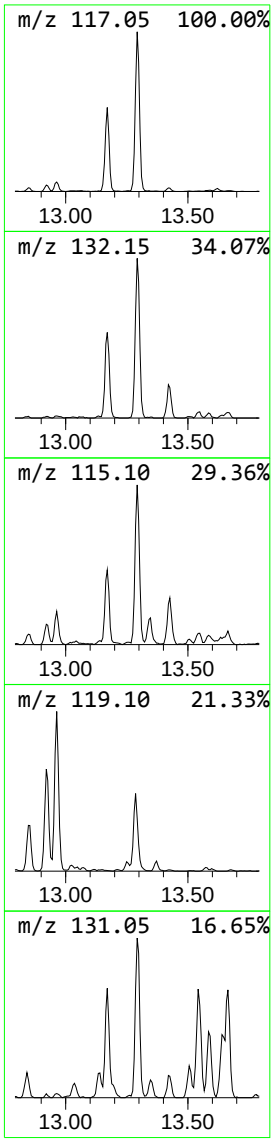
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	27.63 ug/l	309826	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032994.D
Acq On : 22 Nov 2022 21:27
Operator : JC/MD
Sample : N5741-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.746	54.5	ug/l	464799	1	5.550	426018	50.0
Pentane	1.947	33.2	ug/l	282705	1	5.550	426018	50.0
Pentane, 2-methyl-	2.825	20.5	ug/l	174842	1	5.550	426018	50.0
Cyclobutane, me...	2.861	22.8	ug/l	194279	1	5.550	426018	50.0
Cyclopentane, m...	4.300	62.5	ug/l	532895	1	5.550	426018	50.0
Benzene, 1-ethy...	11.378	79.8	ug/l	894433	4	12.024	560611	50.0
Benzene, 1-ethy...	11.610	52.2	ug/l	585508	4	12.024	560611	50.0
Benzene, 1,2,3-...	12.085	60.2	ug/l	674869	4	12.024	560611	50.0
Indane	12.244	62.9	ug/l	705653	4	12.024	560611	50.0
Benzene, 1-ethe...	13.292	27.6	ug/l	309826	4	12.024	560611	50.0