LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071924\
Data File : VW029662.D
Acq On : 19 Jul 2024 17:33
Operator : SY/MD
Sample : P3263-19RE
Misc : 5.05g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CK9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\Method\SFAMWLM070824SMA.M
Title : SFAM01.0

Signal : TIC: VW029662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	74	78	91	rVB	38349	89536	18.96%	2.831%
2	2.899	161	166	178	rVB	31170	78127	16.55%	2.470%
3	3.393	241	247	256	rVB2	8711	19869	4.21%	0.628%
4	3.570	267	276	289	rBV2	13237	50880	10.78%	1.609%
5	3.930	333	335	336	rVB2	820	433	0.09%	0.014%
6	3.948	336	338	340	rBV3	695	748	0.16%	0.024%
7	4.021	341	350	360	rVV	41129	125113	26.50%	3.956%
8	4.125	360	367	387	rVB	49528	145487	30.81%	4.600%
9	4.417	407	415	425	rBV2	4905	17448	3.70%	0.552%
10	4.606	445	446	447	rBV	770	379	0.08%	0.012%
11	4.673	451	457	466	rVB	11663	31209	6.61%	0.987%
12	4.923	487	498	516	rBV3	21377	85763	18.16%	2.711%
13	5.478	586	589	591	rBV4	475	680	0.14%	0.021%
14	5.539	596	599	603	rBV5	385	605	0.13%	0.019%
15	5.594	603	608	611	rBV6	483	787	0.17%	0.025%
16	5.691	621	624	625	rBV3	809	854	0.18%	0.027%
17	5.941	654	665	676	rVV4	9615	31353	6.64%	0.991%
18	6.051	680	683	684	rBV3	632	418	0.09%	0.013%
19	6.216	709	710	714	rVB3	505	500	0.11%	0.016%
20	6.258	714	717	718	rBV3	784	768	0.16%	0.024%
21	6.502	753	757	759	rVB5	426	678	0.14%	0.021%
22	6.539	759	763	767	rVB4	323	477	0.10%	0.015%
23	6.728	793	794	796	rBV2	580	430	0.09%	0.014%
24	6.758	796	799	802	rVB5	346	447	0.09%	0.014%
25	6.801	802	806	808	rBV3	491	710	0.15%	0.022%
26	7.094	844	854	858	rBV	5507	15765	3.34%	0.498%
27	7.417	904	907	910	rBV3	698	1052	0.22%	0.033%
28	7.648	935	945	956	rBV	94986	234169	49.59%	7.403%
29	7.898	983	986	988	rBV4	528	584	0.12%	0.018%
30	8.026	1005	1007	1009	rBV3	493	457	0.10%	0.014%
31	8.045	1009	1010	1012	rVB2	797	414	0.09%	0.013%
32	8.081	1012	1016	1018	rBV2	437	488	0.10%	0.015%
33	8.106	1018	1020	1022	rBV2	498	471	0.10%	0.015%
34	8.142	1024	1026	1027	rBV2	572	438	0.09%	0.014%
35	8.276	1039	1048	1063	rBV2	145134	472184	100.00%	14.929%
36	8.569	1094	1096	1098	rBV3	687	592	0.13%	0.019%

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CK9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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 >
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Title : SFAM01.0

37	8.703	1109	1118	1127	rBV6	4934	12397	2.63%	0.392%
38	8.843	1131	1141	1150	rBV	224190	455811	96.53%	14.411%
39	9.130	1186	1188	1189	rBV2	721	589	0.12%	0.019%
40	9.270	1203	1211	1220	rBV	120708	251344	53.23%	7.946%
41	9.368	1226	1227	1231	rBV4	1065	814	0.17%	0.026%
42	9.398	1231	1232	1234	rVB2	781	408	0.09%	0.013%
43	9.441	1234	1239	1240	rBV5	810	1285	0.27%	0.041%
44	9.605	1262	1266	1268	rBV3	614	481	0.10%	0.015%
45	9.642	1270	1272	1273	rBV2	480	367	0.08%	0.012%
46	9.758	1289	1291	1293	rBV2	660	657	0.14%	0.021%
47	9.776	1293	1294	1297	rVB3	899	844	0.18%	0.027%
48	9.800	1297	1298	1300	rBV	514	419	0.09%	0.013%
49	9.825	1300	1302	1304	rBV3	590	628	0.13%	0.020%
50	10.002	1329	1331	1334	rVB4	460	492	0.10%	0.016%
51	10.032	1334	1336	1337	rBV	630	500	0.11%	0.016%
52	10.087	1342	1345	1346	rBV2	717	757	0.16%	0.024%
53	10.111	1346	1349	1350	rBV3	923	890	0.19%	0.028%
54	10.166	1357	1358	1361	rVB3	904	707	0.15%	0.022%
55	10.215	1361	1366	1368	rBV5	844	1421	0.30%	0.045%
56	10.325	1375	1384	1392	rBV	122529	230328	48.78%	7.282%
57	10.502	1409	1413	1415	rBV4	2958	4387	0.93%	0.139%
58	10.703	1441	1446	1452	rBV3	2242	4886	1.03%	0.154%
59	10.825	1463	1466	1467	rBV3	674	786	0.17%	0.025%
60	10.861	1467	1472	1477	rVV5	3446	7012	1.49%	0.222%
61	11.075	1505	1507	1508	rBV2	707	475	0.10%	0.015%
62	11.221	1529	1531	1533	rBV2	366	415	0.09%	0.013%
63	11.306	1543	1545	1547	rVB2	606	478	0.10%	0.015%
64	11.410	1560	1562	1564	rBV2	473	482	0.10%	0.015%
65	11.629	1590	1598	1609	rBV	160418	273523	57.93%	8.648%
66	11.764	1618	1620	1623	rBV3	597	787	0.17%	0.025%
67	11.831	1629	1631	1637	rBV5	1235	1760	0.37%	0.056%
68	11.946	1648	1650	1651	rBV2	613	493	0.10%	0.016%
69	12.178	1686	1688	1691	rVV4	493	587	0.12%	0.019%
70	12.282	1703	1705	1707	rVB2	690	487	0.10%	0.015%
71	12.331	1710	1713	1715	rBV3	471	685	0.15%	0.022%
72	12.361	1715	1718	1722	rVV3	752	1135	0.24%	0.036%
73	12.398	1722	1724	1727	rVV3	306	385	0.08%	0.012%
74	12.538	1743	1747	1748	rBV3	459	666	0.14%	0.021%
75	12.605	1753	1758	1763	rBV4	1857	2949	0.62%	0.093%
76	12.690	1765	1772	1778	rVV	42324	71927	15.23%	2.274%

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CK9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : SFAM01.0

77	12.824	1792	1794	1797	rBV2	304	380	0.08%	0.012%
78	12.861	1797	1800	1801	rVB3	450	370	0.08%	0.012%
79	12.928	1807	1811	1817	rBV5	2854	4788	1.01%	0.151%
80	13.026	1826	1827	1834	rVB4	684	804	0.17%	0.025%
81	13.154	1845	1848	1851	rBV3	871	1196	0.25%	0.038%
82	13.208	1855	1857	1862	rVB5	1137	1454	0.31%	0.046%
83	13.373	1881	1884	1885	rBV	536	469	0.10%	0.015%
84	13.404	1886	1889	1894	rVB6	1457	2299	0.49%	0.073%
85	13.477	1896	1901	1907	rBV8	2916	6005	1.27%	0.190%
86	13.556	1908	1914	1924	rVV	57320	98399	20.84%	3.111%
87	13.788	1944	1952	1958	rBV	102207	181609	38.46%	5.742%
88	13.849	1958	1962	1969	rVB2	31892	55619	11.78%	1.758%
89	14.208	2019	2021	2023	rBV2	600	456	0.10%	0.014%
90	14.324	2037	2040	2042	rBV3	1137	1769	0.37%	0.056%
91	14.611	2084	2087	2093	rBV6	1336	2071	0.44%	0.065%
92	14.787	2115	2116	2120	rVB3	822	811	0.17%	0.026%
93	14.861	2127	2128	2131	rBV3	593	730	0.15%	0.023%
94	15.062	2156	2161	2164	rBV5	1612	2752	0.58%	0.087%
95	15.184	2179	2181	2183	rBV3	1033	829	0.18%	0.026%
96	15.239	2184	2190	2199	rVV2	27812	52613	11.14%	1.663%
97	15.464	2225	2227	2228	rBV	720	363	0.08%	0.011%
98	15.482	2228	2230	2231	rBV2	873	580	0.12%	0.018%
99	16.159	2340	2341	2343	rBV2	797	458	0.10%	0.014%
100	16.196	2345	2347	2349	rBV3	624	381	0.08%	0.012%

Sum of corrected areas: 3162962

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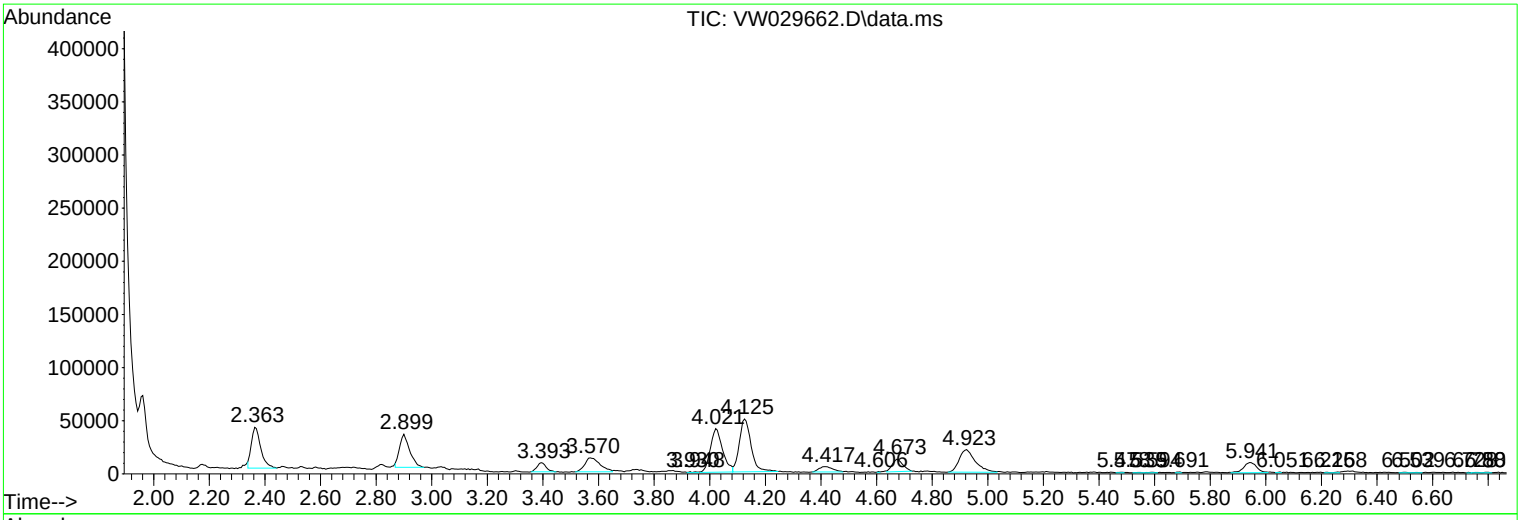
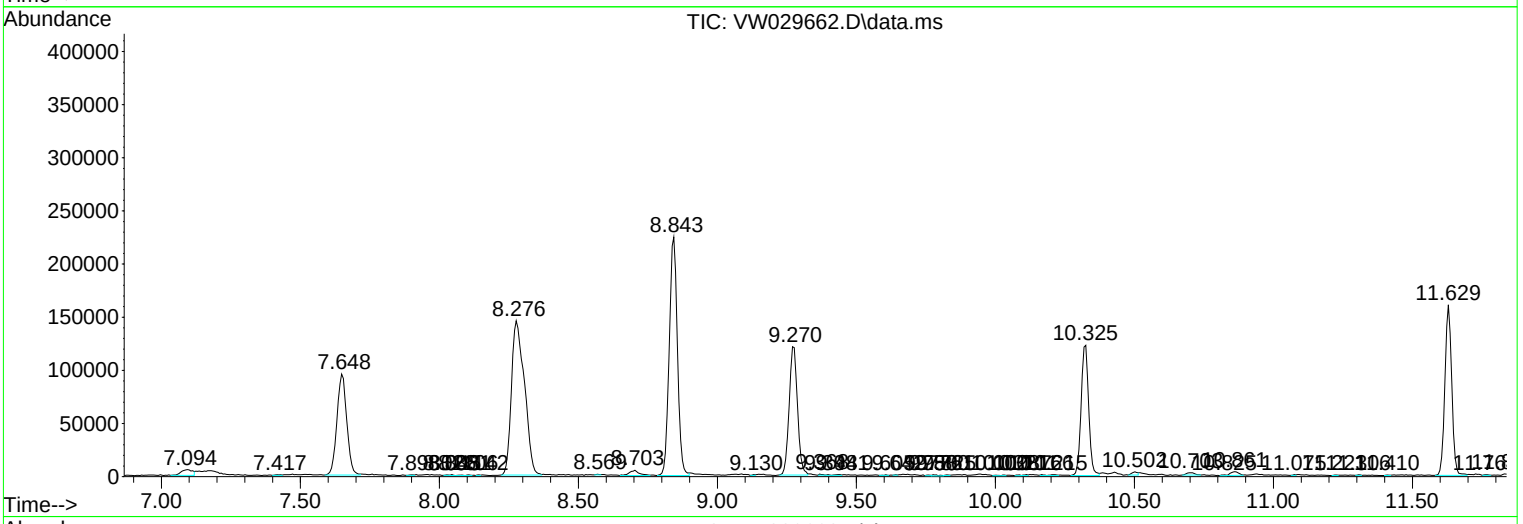
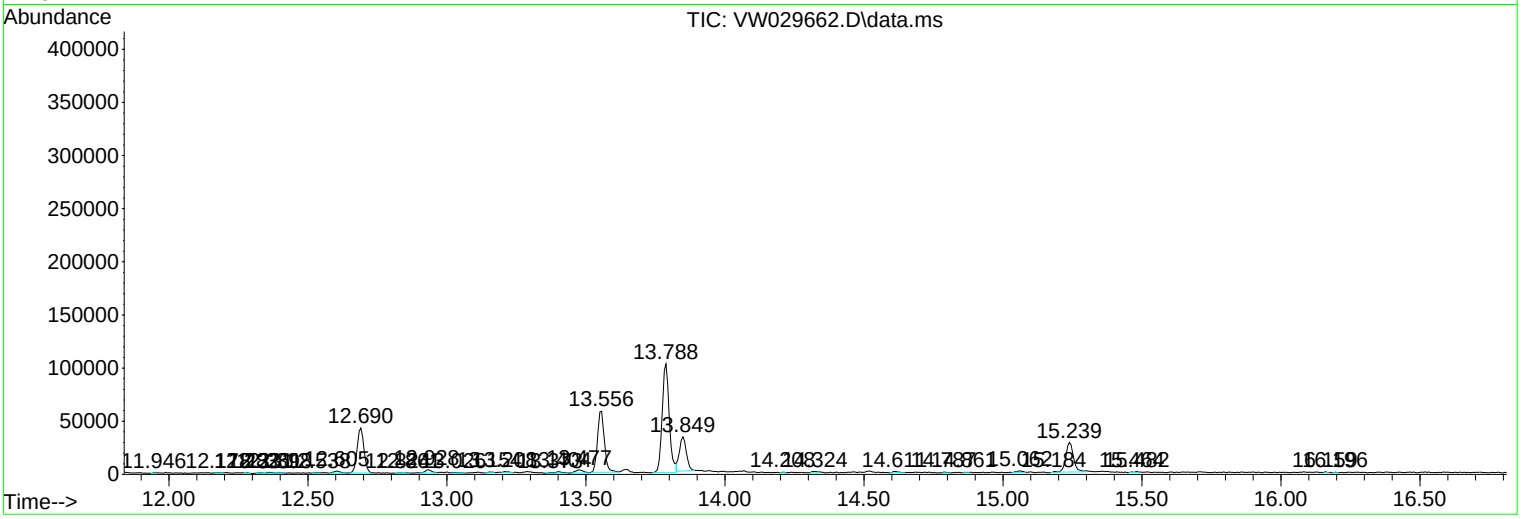
Instrument :
MSVOA_W
ClientSampleId :
A4CK9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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







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Instrument :
MSVOA_W
ClientSampleId :
A4CK9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

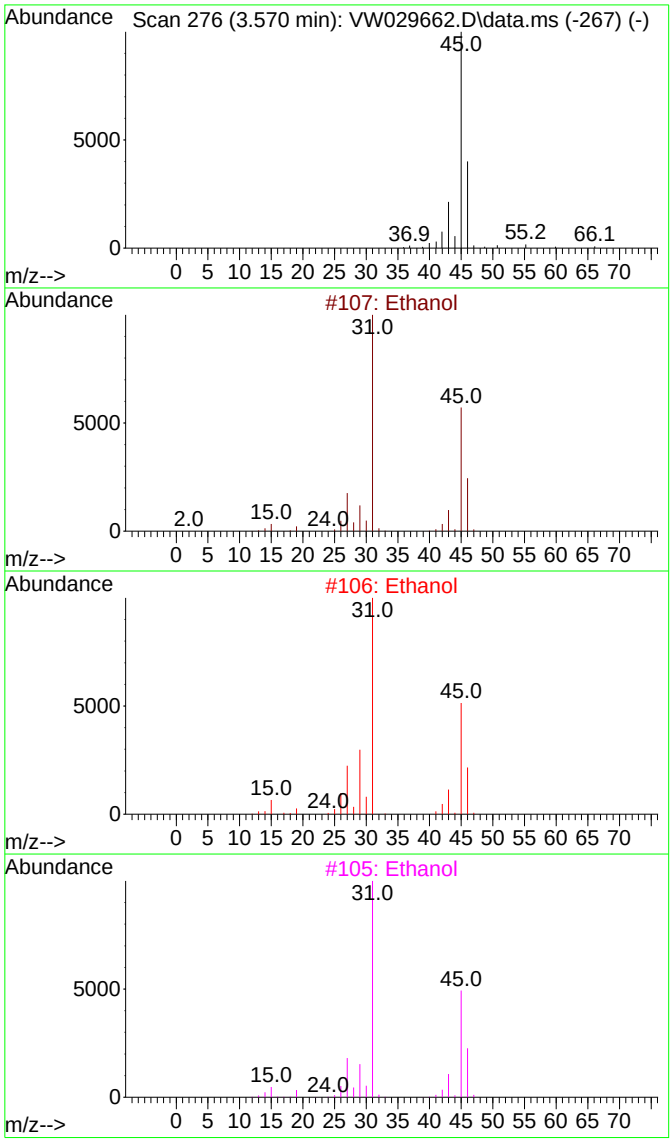
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

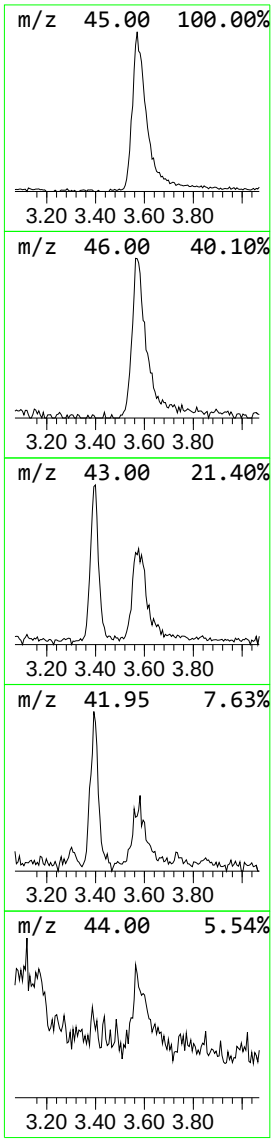
****

Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.570	2.79 ug/L	50880	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	56
3	Ethanol	46	C2H6O	000064-17-5	40
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Ethanol	46	C2H6O	000064-17-5	9





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Instrument :
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ClientSampleId :
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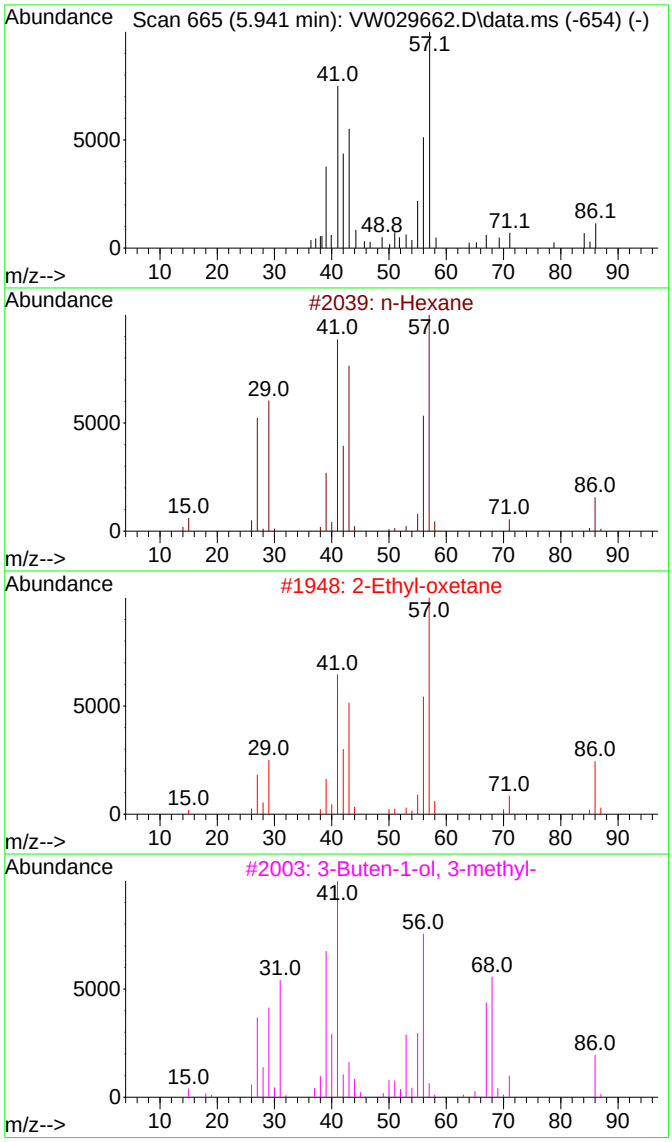
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

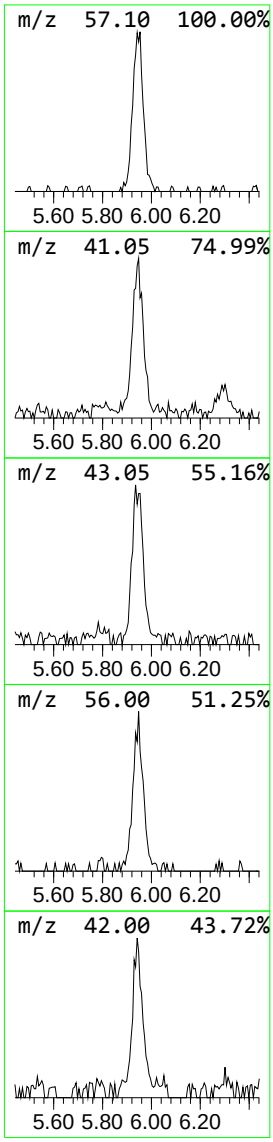
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.72 ug/L	31353	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	58
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	53
3	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	46
4	n-Hexane	86	C6H14	000110-54-3	43
5	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	38





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Instrument :
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ClientSampleId :
A4CK9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

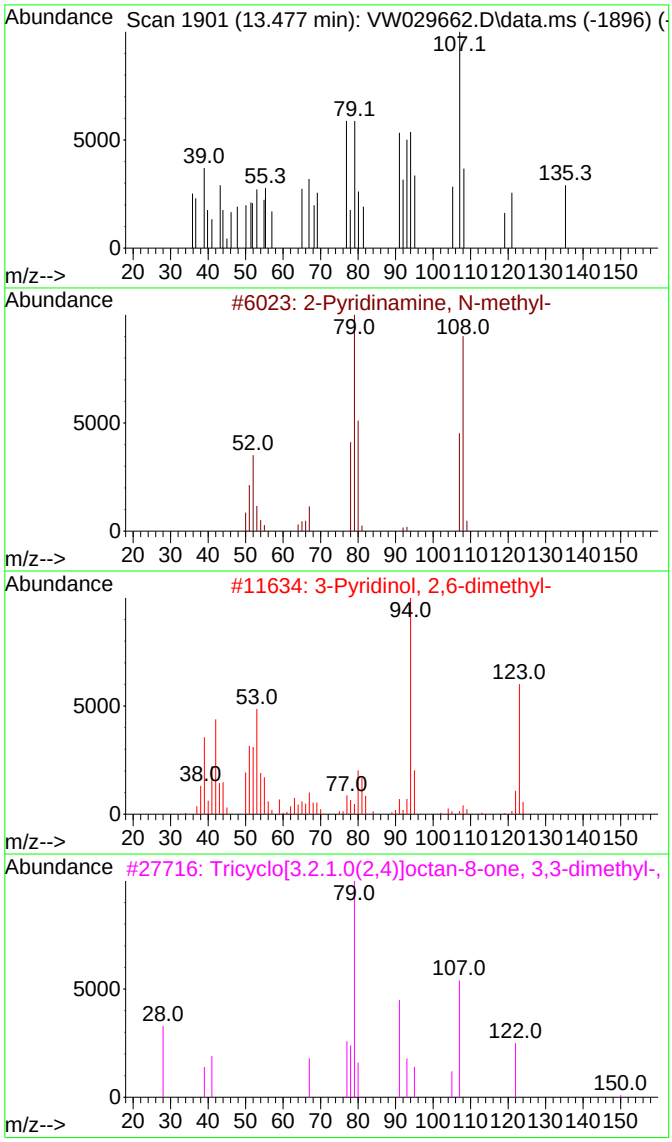
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

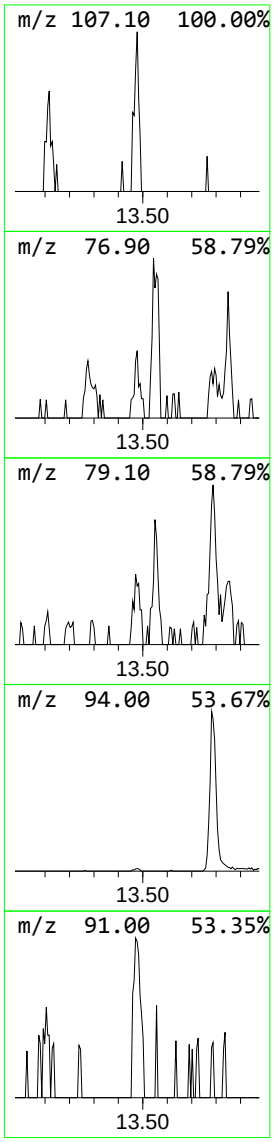
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	1.53 ug/L	6005	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinamine, N-methyl-	108	C6H8N2	004597-87-9	22
2	3-Pyridinol, 2,6-dimethyl-	123	C7H9NO	001122-43-6	14
3	Tricyclo[3.2.1.0(2,4)]octan-8-on...	150	C10H14O	066930-01-6	12
4	1,5-Hexadiyne	78	C6H6	000628-16-0	11
5	3-Hexen-1-yne	80	C6H8	002806-56-6	11





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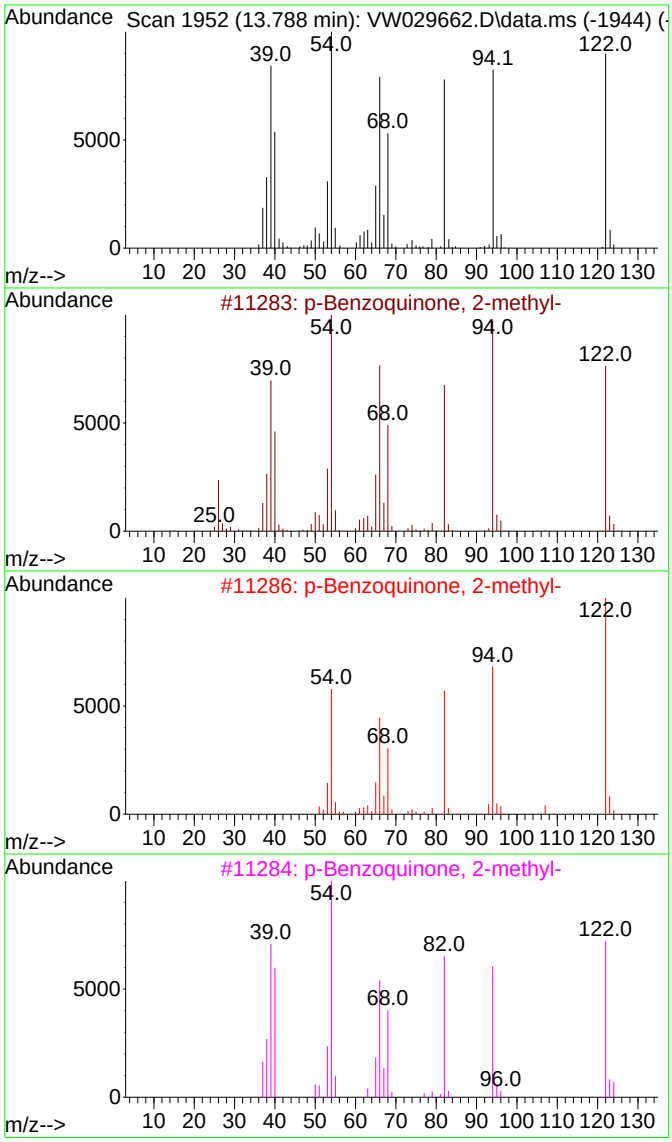
Quant Title : SFAM01.0

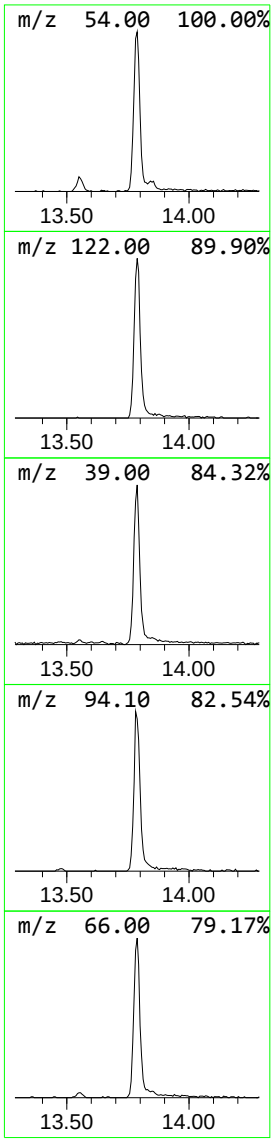
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 p-Benzoquinone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	46.14 ug/L	181609	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Benzoquinone, 2-methyl-	122	C7H6O2	000553-97-9	98
2	p-Benzoquinone, 2-methyl-	122	C7H6O2	000553-97-9	97
3	p-Benzoquinone, 2-methyl-	122	C7H6O2	000553-97-9	93
4	p-Benzoquinone, 2-methyl-	122	C7H6O2	000553-97-9	86
5	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	50





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

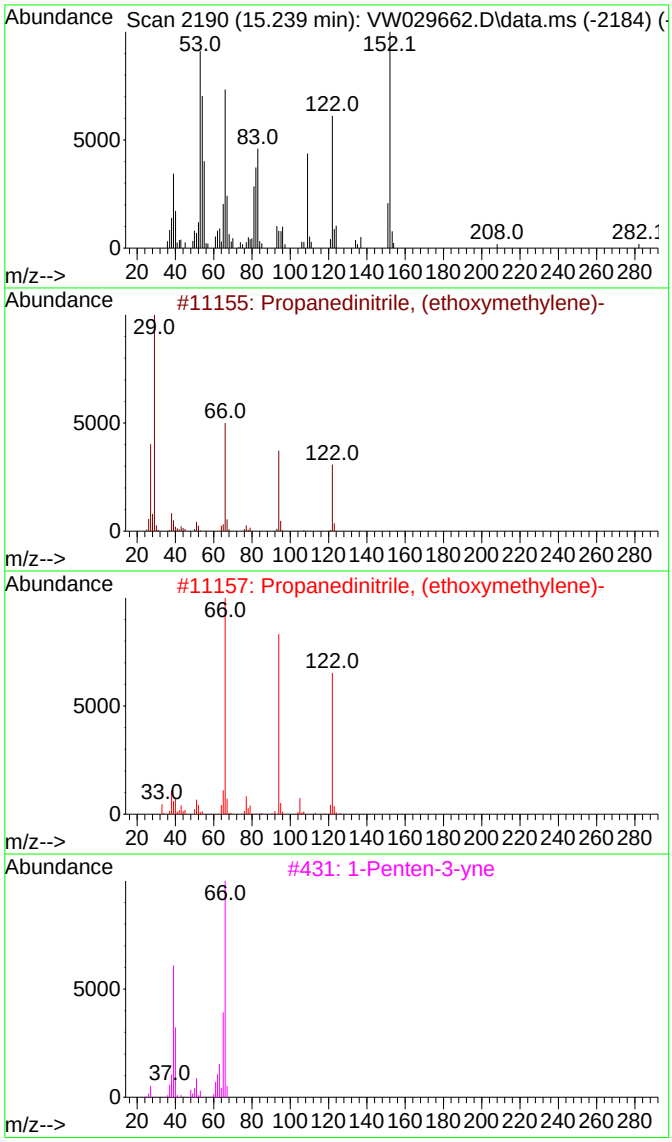
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

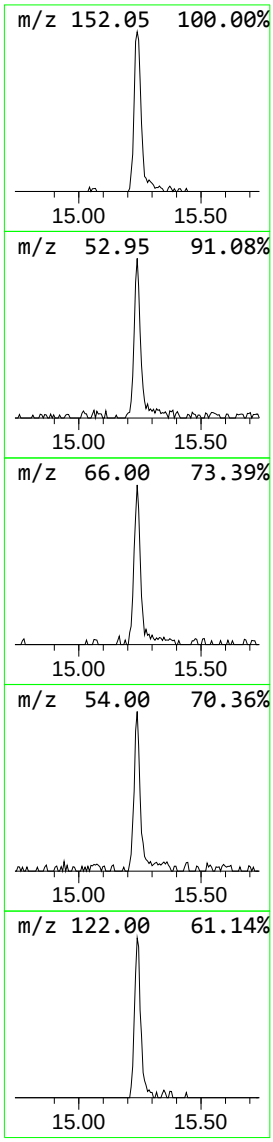
****

Peak Number 5 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	13.37 ug/L	52613	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedinitrile, (ethoxymethyle...	122	C6H6N2O	000123-06-8	30
2	Propanedinitrile, (ethoxymethyle...	122	C6H6N2O	000123-06-8	30
3	1-Penten-3-yne	66	C5H6	000646-05-9	25
4	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	25
5	1,3-Cyclopentadiene	66	C5H6	000542-92-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071924\
Data File : VW029662.D
Acq On : 19 Jul 2024 17:33
Operator : SY/MD
Sample : P3263-19RE
Misc : 5.05g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CK9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol	3.570	2.8	ug/L	50880	1	8.843	455811	25.0
(DEL) Alkane: S...	5.941	1.7	ug/L	31353	1	8.843	455811	25.0
unknown-01	13.477	1.5	ug/L	6005	3	13.550	98399	25.0
p-Benzoquinone,...	13.788	46.1	ug/L	181609	3	13.550	98399	25.0
unknown-02	15.239	13.4	ug/L	52613	3	13.550	98399	25.0